

EDUCATE. ENGAGE. INSPIRE.

VALDERS

HIGH SCHOOL

COURSE GUIDE GRADES 9 - 12



2024-25



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Welcome to Valders High School - Home of the Vikings!

The Valders High School Course Guide has been prepared to help you plan for success in high school and beyond. The course options provided will not only allow you to master the basics but also to explore your interests through your course selections. As students plan their high school program and participate in course offerings each year they will begin to develop ideas of their strengths, interests, and capabilities related to their future and create an evolving plan. Developing an academic plan is extremely important because it will ensure that you will have an opportunity to request the classes you are most interested in over the course of your four years at Valders High School. As a result of planning your course selections, you will be able to develop and prepare for your future career or college goals. In addition to information on each class, the Course Guide provides information about graduation requirements, dual credit opportunities, and special programs. Please note that course fees listed reflect the fees for the current school year and are subject to change next year based upon the decisions of the Valders School Board. Students and families are highly encouraged to make an appointment to discuss their student's academic plan with our School Counselor. For a more detailed explanation of what to expect from a specific course please feel free to reach out to the instructor directly. Please take some time to use this Course Guide and visit our school staff to make informed decisions about your future.

Non-Discrimination Notice

The Board of Education does not discriminate on the basis of any characteristic protected under State or Federal law including, but not limited to, religion, race, national origin, sex, disability, age, color, ancestry, creed, pregnancy, marital status, prenatal status, sexual orientation, physical, mental, emotional, or learning disabilities, or genetic information in its programs, activities, or employment.



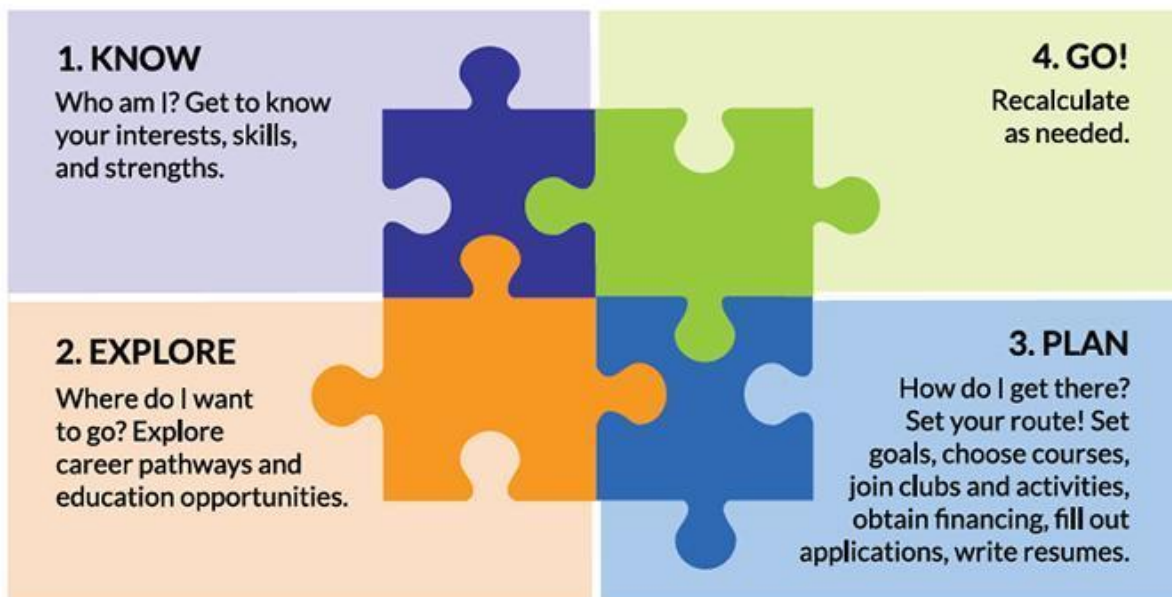
VALDERS
AREA SCHOOL DISTRICT
VIKINGS



Academic and Career Planning (ACP)

Academic and Career Planning, or ACP, is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills. Our vision is that ACP will provide our students with meaningful and supportive adult relationships, the ability to adapt to opportunities and challenges, and encourage students to own their personalized journey to successful lives.

The ACP Model that the Wisconsin Department of Public Instruction has adopted includes:



Each student will travel through these stages each year by completing a series of portfolio documents that will be required for graduation. An Academic and Career Plan (ACP) includes a program of study that reflects a student's unique set of interests, needs, goals, and graduation requirements. Students will meet with their advisor weekly during Viking Time to complete the portfolio documents. Advisors will have meaningful conversations to help guide students through the ACP process. Our School Counselor will also meet with students during Viking Visits to provide additional support.

Valders Schools believe that:

1. All students should be ready for college and/or career by high school graduation.
2. All work is valuable work.
3. Success is determined by each student rather than the degree earned.
4. Finding a career is a journey that continues through a lifetime.



Career Clusters and Pathways

Students can use [XELLO](#) to research career clusters and pathways. The image below lists them as described by the Wisconsin Department of Public Instruction (DPI). Please reach out to our School Counselor for help exploring career choices and relevant courses.

Sixteen Career Clusters and Their Pathways	
<p>Agriculture, Food and Natural Resources Agribusiness Systems Animal Systems Environmental Service Systems Food Products and Processing Systems Natural Resources Systems Plant Systems Power, Structural and Technical Systems</p> <p>Architecture and Construction Construction Design/Pre-Construction Maintenance/Operations</p> <p>Arts, Audio/Video Technology and Communications Audio and Video Technology and Film Journalism and Broadcasting Performing Arts Printing Technology Telecommunications Visual Arts</p> <p>Business Management and Administration Administrative Support Business Information Management General Management Human Resources Management Operations Management</p> <p>Education and Training Administration and Administrative Support Professional Support Services Teaching/Training</p> <p>Finance Accounting Banking Services Business Finance Insurance Securities and Investments</p> <p>Government and Public Administration Foreign Service Governance National Security Planning Public Management and Administration Regulation Revenue and Taxation</p> <p>Health Science Biotechnology Research and Development Diagnostic Services Health Informatics Support Services Therapeutic Services</p>	<p>Hospitality and Tourism Lodging Recreation, Amusements and Attractions Restaurants and Food/Beverage Services Travel and Tourism</p> <p>Human Services Consumer Services Counseling and Mental Health Services Early Childhood Development and Services Family and Community Services Personal Care Services</p> <p>Information Technology Information Support and Services Network Systems Programming and Software Development Web and Digital Communications</p> <p>Law, Public Safety, Corrections and Security Correction Services Emergency and Fire Management Services Law Enforcement Services Legal Services Security and Protective Services</p> <p>Manufacturing Health, Safety and Environmental Assurance Logistics and Inventory Control Maintenance, Installation and Repair Manufacturing Production Process Development Production Quality Assurance</p> <p>Marketing Marketing Communications Marketing Management Marketing Research Merchandising Professional Sales</p> <p>Science, Technology, Engineering and Mathematics Engineering and Technology Science and Math</p> <p>Transportation, Distribution and Logistics Facility and Mobile Equipment Maintenance Health, Safety and Environmental Management Logistics Planning and Management Services Sales and Service Transportation Operations Transportation Systems/Infrastructure Planning, Management, and Regulation Warehousing and Distribution Center Operations</p>



All Courses by Department

Agriculture Education

Advanced Horticulture	11-12
Agribusiness	11-12
Food Science Ag Tech	9-12
Horticulture	10-12
Landscape Mgmt	9-12
Large Animal Science	10-12
Natural Resources Mgmt	9-12
Veterinary Science	9-12

Art Education

2D Art	10-12
3D Art	10-12
Ceramics	10-12
Drawing and Painting	10-12
Graphic Design Photo	11-12
Intro to Visual Art	9-12
Sculpture	11-12
Senior Studio	12

Business Education

Accounting I	10-12
Accounting II	11-12
Business Culture	11-12
Business Law	10-12
Entrepreneurship	9-12
Microsoft I	9-12
Microsoft II	9-12
Personal Finance	9-12
Sports Entertain Mktg	10-12

Computer Science

Computer Science	10-12
Java Programming	10-12
Video Game Program	10-12

English

Advanced Composition	12
AP Language and Comp	11
AP Literature and Comp	12
Creative Writing	10-12
Dramatic Literature	10-12
English 9	9
English 10	10
English 11	11
English Foundations	12
Intro to College Writing	12
Leg Writ Law Off Mgmt	10-12

Novels	11-12
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Family/Consumer Education

Child Development	10-12
Clothing and Textiles I	9-12
Clothing and Textiles II	9-12
Clothing and Textiles III	10-12
Culinary Arts I	9-12
Culinary Arts II	9-12
Culinary Arts III	10-12
Culinary Arts IV	10-12
Intro to Health Occup	10-12

Health

Health	9
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Math

Algebra I	9-10
Algebra II	10-12
AP Calculus AB	12
Geometry	9-12
Integrated Geom Alg	10-11
Intro to Probability Stat	11-12
Pre-Algebra	9
Precalculus	11-12

Music Education

A Cappella Choir	10-12
Concert Band	9-12
Mixed Chorus	9-12
Symphonic Band	10-12

Physical Education

Individual Activities	10-12
Lifetime Fitness	10-12
Physical Education 9	9
Strength Conditioning	10-12
Team Sports	10-12

Science

Bio Concepts of the Env	11-12
Biology I	10
Biology II	11-12
Bio Human Anatomy	11-12
Chemistry I	10-12
Chemistry II	11-12
Physics	11-12
Science 9	9

Social Studies

AP US History	12
Curr Economic Issues	11-12
Government	10
Study Human Behavior	11-12
Sociology	11-12
US History 10	10
US History 11	11
World History	9

Technology Education

Adv Metal Fabrication	10-12
Adv Wood Technology	10-12
CAD I	9-12
CAD II	9-12
Communication Tech	9-12
Construction Tech	9-12
Electronic Fundamentals	10-12
Intro to Engineering	11-12
Intro to Public Safety	11-12
Intro to STEM	9-12
Manufacturing Tech	10-12
Metal Fabrication	10-12
Residential Construction	10-12
Viking Artisans	10-12
Wood Tech	9-12

World Language

Spanish I	9-12
Spanish II	9-12
Spanish III	10-12
Spanish IV	11-12
Spanish V	12

Yearbook

Yearbook	9-12
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Youth Apprenticeship (YA)

Youth Apprenticeship	11-12
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Educational Assistant (EA)

Non-Cr Educational Asst	11-12
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Other Courses

Early College Cr Prog	9-12
Start College Now	11-12



Dual Credit Opportunities

Advanced Placement (AP)

Courses follow a [4-year college-level course curriculum](#) approved by the College Board. These courses contain a high level of rigor and require a high level of independent learning outside of the classroom setting. This allows students to develop skills needed for college and career including time management, critical thinking, and scholarly writing. At the [conclusion of these courses](#), students are given the option to complete an [Advanced Placement Exam](#). College credit is only awarded on the basis of student performance on the exam. The exam score is not tied to the classroom grade. The amount of college credit awarded varies from college to college. To be eligible for college credit consideration, an exam score of 3 or higher must be achieved. Testing fees for the exam vary from year to year and are to be covered by the student. Any student may elect to complete an Advanced Placement exam for any subject area regardless if a preparation course is completed. We offer 4 AP courses at Valders High School (listed below), however, the [complete list of AP exams](#) can be found on the college board website.

[AP Calculus AB](#) - [AP Language and Composition](#) - [AP Literature and Composition](#) - [AP US History](#)

Articulated Courses

Articulation focuses on providing opportunities for high school students to take college-level coursework in order to get a head start on earning college credits while continuing to fulfill high school graduation requirements.

Transcribed Credit (TC)

Courses that are labeled TC follow the curriculum established by a Lakeshore Technical College instructor but are taught in Valders High School by our staff. TC courses may earn students both high school and technical college credit. To earn technical college credit, students must earn a “C” or better. TC courses will follow the same procedures for grading, credit, and GPA as all other Valders High School courses. Students will also receive a grade, credit, and GPA at Lakeshore Technical College upon completion. Students may apply these credits to a degree from Lakeshore Technical College or they can transfer the credits according to another Technical College or University’s policy.

Advanced Standing (AS)

Courses that are labeled AS follow a curriculum that has been approved by a technical college instructor but are taught in Valders High School by our staff. If a student completes the course with a B or better for the semester, he/she will be granted credit for the college course upon successful enrollment at any technical college. AS courses may be honored at Wisconsin Technical Colleges or Universities according to the college’s transfer policies. If the course is required for the student’s program, the student will not have to take the course at a technical college. If the course is not required for the student’s program, the student can use the credit to fulfill elective requirements. AS courses will follow the same procedures for grading, credit, and GPA as all other Valders High School courses.

Listed below are the Articulation Agreements, both Transcribed Credit and Advanced Standing.



Valders Course	College Course	College Course #			College Credits
Advanced Metal Fabrication AS	LTC - Welding Geometry	31	442	350	1.00
	LTC - Metal Manufacturing				
	LTC - Welding Fundamentals	10	442	100	1.00
	LTC - Fabrication	10	457	103	1.00
Accounting I TC	LTC - Office Accounting	10	101	150	3.00
Business Culture TC	LTC - Office Professionalism				3.00
Horticulture TC	LTC - Introduction to Horticulture	10	001	110	3.00
Intro to Engineering TC	LTC - Precision Measurement	31	442	351	1.00
	LTC - Shop Tools and Fasteners	31	420	310	1.00
Intro to Public Safety TC	LTC - Emergency Management	10	540	131	2.00
Large Animal Science TC	LTC - Introduction to Animal Science	10	006	114	3.00
Legal Writing & Law Office Mgmt TC	LTC - Introduction to Paralegalism & Legal Ethics	10	110	101	3.00
Metal Fabrication TC	LTC - Welding Math Basics	31	442	382	1.00
Microsoft I AS	LTC - Excel 1	10	103	172	1.00
	LTC - Word 1	10	103	172	1.00



Valders High School Graduation Requirements

A High School Diploma will be presented to each student who successfully completes the graduation requirements prescribed by the Board of Education and the State of Wisconsin. **Note it is the student's responsibility, along with their family, to ensure course selections will meet college admission and/or NCAA requirements.** Before you select courses for next year, it is highly recommended students take time to talk to their current teachers or School Counselor about the next classes they would recommend.

VHS Grad	Freshman/Grade 9 7 Credits	Sophomore/Grade 10 7 Credits	Junior/Grade 11 7 Credits	Senior/Grade 12 4.5+ Credits	Requirements 25.5 Total Credits
English	English 9 (1)	English 10 (1)	English 11 (1) or AP Language and Composition (1)	Elective (.5) Elective (.5)	4 Credits
Math	Pre-Algebra (1) → Pre-Algebra (1) → Algebra I (1) → Algebra I (1) → Geometry (1) →	Algebra I (1) → Algebra I (1) → Geometry (1) → Integrated (1) → Algebra II (1) →	Geometry (1) Integrated (1) Algebra II (1) Geometry (1) Precalculus (1)	<i>Not Required but Recommended</i>	3 Credits
Science	Science 9 (1)	Biology (1)	Chemistry (1) or Bio Concepts (1)	<i>Not Required but Recommended</i>	3 Credits
Social Studies	World History (1)	*Government (.5) US History 10 (.5)	US History 11 (1)	<i>Not Required but Recommended</i>	3 Credits *Civics Exam
Phy Ed	Phy Ed 9 (.5)	Elective (.5)	Elective (.5)	<i>Not Required</i>	1.5 Credits
Health	Health (.5)	<i>Not Required</i>	<i>Not Required</i>	<i>Not Required</i>	.5 Credit
Elective	Elective (.5) x 4	Elective (.5) x 5	Elective (.5) x 5	Elective (.5) x 3.5+	10.5 Credits



Freshman / Grade 9 Course Requests					
.5 = Semester Course 1 = Year Course *Has Prerequisite					
Required Courses (5 Credits)					
<p><u>English</u> English 9 (1)</p> <p><u>Health</u> Health (.5)</p> <p><u>Physical Education</u> Phy Ed 9 (.5)</p>	<p><u>Math</u> (Assigned by Placement)</p> <p><input type="checkbox"/> Algebra I (1)</p> <p><input type="checkbox"/> *Geometry (1)</p> <p><input type="checkbox"/> *Pre-Algebra (1)</p> <p><u>Science</u> Science 9 (1)</p>	<p><u>Social Studies</u> World History (1)</p> <p><u>Study Hall</u> SH Semester 1</p> <p><u>Study Hall</u> SH Semester 2</p>			
Elective Courses (Select 2 Credits)					
<p><u>Agriculture Education</u></p> <p><input type="checkbox"/> Food Science Ag Tech (.5)</p> <p><input type="checkbox"/> Landscape Mgmt (.5)</p> <p><input type="checkbox"/> Natural Resources Mgmt (.5)</p> <p><input type="checkbox"/> Veterinary Science (.5)</p> <p><u>Art Education</u></p> <p><input type="checkbox"/> Intro to Visual Art (1)</p> <p><u>Business Education</u></p> <p><input type="checkbox"/> Entrepreneurship (.5)</p> <p><input type="checkbox"/> Microsoft I (.5)</p> <p><input type="checkbox"/> *Microsoft II (.5)</p> <p><input type="checkbox"/> Personal Finance (.5)</p>	<p><u>Family & Consumer Education</u></p> <p><input type="checkbox"/> Clothing Textiles I (.5)</p> <p><input type="checkbox"/> *Clothing Textiles II (.5)</p> <p><input type="checkbox"/> Culinary Arts I (.5)</p> <p><input type="checkbox"/> *Culinary Arts II (.5)</p> <p><u>Music Education</u></p> <p><input type="checkbox"/> Concert Band (1)</p> <p><input type="checkbox"/> Mixed Chorus (1)</p> <p><u>Yearbook</u></p> <p><input type="checkbox"/> Yearbook (1)</p>	<p><u>Technology Education</u></p> <p><input type="checkbox"/> CAD I (.5)</p> <p><input type="checkbox"/> *CAD II (.5)</p> <p><input type="checkbox"/> Comm Tech (.5)</p> <p><input type="checkbox"/> *Construction Tech (.5)</p> <p><input type="checkbox"/> Intro to STEM (.5)</p> <p><input type="checkbox"/> *Wood Tech (.5)</p> <p><u>World Language</u></p> <p><input type="checkbox"/> Spanish I (1)</p> <p><input type="checkbox"/> *Spanish II (1)</p>			
Alternate Courses (List Elective Courses of Interest Not Selected Above):					
1		2		3	
4		5		6	



Sophomore / Grade 10 Course Requests					
.5 = Semester Course 1 = Year Course *Has Prerequisite					
Required Courses (4.5 Credits)					
<p style="text-align: center;">English</p> <p style="text-align: center;">*English 10 (1)</p> <p style="text-align: center;">Math (Selected by Progression)</p> <p><input type="checkbox"/> Algebra I (1)</p> <p><input type="checkbox"/> *Algebra II (1)</p> <p><input type="checkbox"/> *Geometry (1)</p> <p><input type="checkbox"/> *Integrated Geometry Algebra (1)</p>	<p style="text-align: center;">Physical Education</p> <p><input type="checkbox"/> *Individual Activities (.5)</p> <p><input type="checkbox"/> *Lifetime Fitness (.5)</p> <p><input type="checkbox"/> *Strength Condition (.5)</p> <p><input type="checkbox"/> *Team Sports (.5)</p> <p style="text-align: center;">Science</p> <p style="text-align: center;">*Biology (1)</p>	<p style="text-align: center;">Social Studies</p> <p style="text-align: center;">*Government (.5)</p> <p style="text-align: center;">*US History 10 (.5)</p> <p style="text-align: center;">Study Hall</p> <p style="text-align: center;">SH Semester 1</p> <p style="text-align: center;">Study Hall</p> <p style="text-align: center;">SH Semester 2</p>			
Elective Courses (Select 2.5 Credits)					
<p style="text-align: center;">Agriculture Education</p> <p><input type="checkbox"/> Food Sci Ag Tech (.5)</p> <p><input type="checkbox"/> Horticulture (.5)</p> <p><input type="checkbox"/> Landscape Mgmt (.5)</p> <p><input type="checkbox"/> Large Animal Sci (.5)</p> <p><input type="checkbox"/> Natural Resources Mgmt (.5)</p> <p><input type="checkbox"/> Veterinary Science (.5)</p> <p style="text-align: center;">Art Education</p> <p><input type="checkbox"/> *2D Art (.5)</p> <p><input type="checkbox"/> *3D Art (.5)</p> <p><input type="checkbox"/> *Ceramics (.5)</p> <p><input type="checkbox"/> *Drawing Painting (.5)</p> <p><input type="checkbox"/> Intro to Visual Art (1)</p> <p style="text-align: center;">Business Education</p> <p><input type="checkbox"/> Accounting I (1)</p> <p><input type="checkbox"/> Business Law (.5)</p> <p><input type="checkbox"/> Entrepreneurship (.5)</p> <p><input type="checkbox"/> Microsoft I (.5)</p> <p><input type="checkbox"/> *Microsoft II (.5)</p> <p><input type="checkbox"/> Personal Finance (.5)</p> <p><input type="checkbox"/> Sports Entertainment Mktg (.5)</p> <p style="text-align: center;">Computer Science</p> <p><input type="checkbox"/> *Computer Science (.5)</p> <p><input type="checkbox"/> *Java Programming (.5)</p> <p><input type="checkbox"/> *Video Game Prog (.5)</p>	<p style="text-align: center;">English</p> <p><input type="checkbox"/> Creative Writing (.5)</p> <p><input type="checkbox"/> Dramatic Literature (.5)</p> <p><input type="checkbox"/> *Legal Writing (.5)</p> <p style="text-align: center;">Family & Consumer Education</p> <p><input type="checkbox"/> Child Development (.5)</p> <p><input type="checkbox"/> Clothing Textiles I (.5)</p> <p><input type="checkbox"/> *Clothing Textiles II (.5)</p> <p><input type="checkbox"/> *Clothing Textiles III (.5)</p> <p><input type="checkbox"/> Culinary Arts I (.5)</p> <p><input type="checkbox"/> *Culinary Arts II (.5)</p> <p><input type="checkbox"/> *Culinary Arts III (.5)</p> <p><input type="checkbox"/> *Culinary Arts IV (.5)</p> <p><input type="checkbox"/> Health Occupations (.5)</p> <p style="text-align: center;">Music Education</p> <p><input type="checkbox"/> *A Cappella Choir (1)</p> <p><input type="checkbox"/> Concert Band (1)</p> <p><input type="checkbox"/> Mixed Chorus (1)</p> <p><input type="checkbox"/> *Symphonic Band (1)</p> <p style="text-align: center;">Yearbook</p> <p><input type="checkbox"/> Yearbook (1)</p>	<p style="text-align: center;">Physical Education (Only As Elective Credit)</p> <p><input type="checkbox"/> *Individual Activities (.5)</p> <p><input type="checkbox"/> *Lifetime Fitness (.5)</p> <p><input type="checkbox"/> *Strength Condition (.5)</p> <p><input type="checkbox"/> *Team Sports (.5)</p> <p style="text-align: center;">Science</p> <p><input type="checkbox"/> *Chemistry (1)</p> <p style="text-align: center;">Technology Education</p> <p><input type="checkbox"/> *Advanced Metal Fab (.5)</p> <p><input type="checkbox"/> *Advanced Wood Tech (.5)</p> <p><input type="checkbox"/> CAD I (.5)</p> <p><input type="checkbox"/> *CAD II (.5)</p> <p><input type="checkbox"/> Communication Tech (.5)</p> <p><input type="checkbox"/> *Construction Tech (.5)</p> <p><input type="checkbox"/> Electronic Fundamentals (.5)</p> <p><input type="checkbox"/> Intro to STEM (.5)</p> <p><input type="checkbox"/> *Manufacturing Tech (.5)</p> <p><input type="checkbox"/> *Metal Fabrication (.5)</p> <p><input type="checkbox"/> *Residential Construct (.5)</p> <p><input type="checkbox"/> Viking Artisans (.5)</p> <p><input type="checkbox"/> *Wood Tech (.5)</p> <p style="text-align: center;">World Language</p> <p><input type="checkbox"/> Spanish I (1)</p> <p><input type="checkbox"/> *Spanish II (1)</p> <p><input type="checkbox"/> *Spanish III (1)</p>			
Alternate Courses (List Elective Courses of Interest Not Selected Above):					
1		2		3	
4		5		6	



Junior / Grade 11 Course Requests		
.5 = Semester Course 1 = Year Course *Has Prerequisite		
Required Courses (4.5 Credits)		
<p style="text-align: center;">English</p> <input type="checkbox"/> *English 11 (1) <input type="checkbox"/> *AP Language Comp (1)	<p style="text-align: center;">Physical Education</p> <input type="checkbox"/> *Individual Activities (.5) <input type="checkbox"/> *Lifetime Fitness (.5) <input type="checkbox"/> *Strength Condition (.5) <input type="checkbox"/> *Team Sports (.5)	<p style="text-align: center;">Social Studies</p> *US History 11 (1) <p style="text-align: center;">Study Hall</p> SH Semester 1 <p style="text-align: center;">Study Hall</p> SH Semester 2
<p style="text-align: center;">Math (Selected by Progression)</p> <input type="checkbox"/> *Algebra II (1) <input type="checkbox"/> *Geometry (1) <input type="checkbox"/> *Integrated Geometry Algebra (1) <input type="checkbox"/> *Intro Probability Stat (1) <input type="checkbox"/> *Precalculus (1)	<p style="text-align: center;">Science</p> <input type="checkbox"/> *Chemistry (1) <input type="checkbox"/> *Bio Concept Environm (1)	
Elective Courses (Select 2.5 Credits)		
<p style="text-align: center;">Agriculture Education</p> <input type="checkbox"/> *Advanced Horticulture (.5) <input type="checkbox"/> Agribusiness (1) <input type="checkbox"/> Food Science Ag Tech (.5) <input type="checkbox"/> Horticulture (.5) <input type="checkbox"/> Landscape Mgmt (.5) <input type="checkbox"/> Large Animal Science (.5) <input type="checkbox"/> Natural Resources Mgmt (.5) <input type="checkbox"/> Veterinary Science (.5)	<p style="text-align: center;">English</p> <input type="checkbox"/> Creative Writing (.5) <input type="checkbox"/> Dramatic Literature (.5) <input type="checkbox"/> *Legal Writing (.5) <input type="checkbox"/> Novels (.5)	<p style="text-align: center;">Science</p> <input type="checkbox"/> *Biology II (1) <input type="checkbox"/> *Bio Human Anatomy (1) <input type="checkbox"/> *Chemistry II (1) <input type="checkbox"/> *Physics (1)
<p style="text-align: center;">Art Education</p> <input type="checkbox"/> *2D Art (.5) <input type="checkbox"/> *3D Art (.5) <input type="checkbox"/> *Ceramics (.5) <input type="checkbox"/> *Drawing Painting (.5) <input type="checkbox"/> *Graphic Des Photography (.5) <input type="checkbox"/> Intro to Visual Art (1) <input type="checkbox"/> *Sculpture (.5)	<p style="text-align: center;">Family & Consumer Education</p> <input type="checkbox"/> Child Development (.5) <input type="checkbox"/> Clothing Textiles I (.5) <input type="checkbox"/> *Clothing Textiles II (.5) <input type="checkbox"/> *Clothing Textiles III (.5) <input type="checkbox"/> Culinary Arts I (.5) <input type="checkbox"/> *Culinary Arts II (.5) <input type="checkbox"/> *Culinary Arts III (.5) <input type="checkbox"/> *Culinary Arts IV (.5) <input type="checkbox"/> Health Occupations (.5)	<p style="text-align: center;">Social Studies</p> <input type="checkbox"/> Current Economic Issue (.5) <input type="checkbox"/> Sociology (.5) <input type="checkbox"/> Study Human Behavior (.5)
<p style="text-align: center;">Business Education</p> <input type="checkbox"/> Accounting I (1) <input type="checkbox"/> *Accounting II (1) <input type="checkbox"/> Business Culture (.5) <input type="checkbox"/> Business Law (.5) <input type="checkbox"/> Entrepreneurship (.5) <input type="checkbox"/> Microsoft I (.5) <input type="checkbox"/> *Microsoft II (.5) <input type="checkbox"/> Personal Finance (.5) <input type="checkbox"/> Sports Entert Mktg (.5)	<p style="text-align: center;">Music Education</p> <input type="checkbox"/> *A Cappella Choir (1) <input type="checkbox"/> Concert Band (1) <input type="checkbox"/> Mixed Chorus (1) <input type="checkbox"/> *Symphonic Band (1)	<p style="text-align: center;">Technology Education</p> <input type="checkbox"/> *Advanced Metal Fab (.5) <input type="checkbox"/> *Advanced Wood Tech (.5) <input type="checkbox"/> CAD I (.5) <input type="checkbox"/> *CAD II (.5) <input type="checkbox"/> Communication Tech (.5) <input type="checkbox"/> *Construction Tech (.5) <input type="checkbox"/> Electronic Fundamentals (.5) <input type="checkbox"/> *Intro to Engineering (1) <input type="checkbox"/> Intro to Public Safety (.5) <input type="checkbox"/> Intro to STEM (.5) <input type="checkbox"/> *Manufacturing Tech (.5) <input type="checkbox"/> *Metal Fabrication (.5) <input type="checkbox"/> *Residential Construct (.5) <input type="checkbox"/> Viking Artisans (.5) <input type="checkbox"/> *Wood Tech (.5)
	<p style="text-align: center;">Physical Education (Only As Elective Credit)</p> <input type="checkbox"/> *Individual Activities (.5) <input type="checkbox"/> *Lifetime Fitness (.5) <input type="checkbox"/> *Strength Condition (.5) <input type="checkbox"/> *Team Sports (.5)	



<p><u>Computer Science</u></p> <input type="checkbox"/> *Computer Science (.5) <input type="checkbox"/> *Java Programming (.5) <input type="checkbox"/> *Video Game Prog (.5)		<p><u>Yearbook</u></p> <input type="checkbox"/> Yearbook (1)		<p><u>World Language</u></p> <input type="checkbox"/> Spanish I (1) <input type="checkbox"/> *Spanish II (1) <input type="checkbox"/> *Spanish III (1) <input type="checkbox"/> *Spanish IV (1)	
		<p><u>Youth Apprenticeship</u></p> <input type="checkbox"/> Youth Apprenticeship (2)			
<i>Alternate Courses (List Elective Courses of Interest Not Selected Above):</i>					
1		2		3	
4		5		6	



Senior / Grade 12 Course Requests		
.5 = Semester Course 1 = Year Course *Has Prerequisite		
Required Course (1 Credit)		
<p style="text-align: center;"><u>English</u></p> <input type="checkbox"/> Advanced Composition (.5) <input type="checkbox"/> *AP Literature Comp (1) <input type="checkbox"/> Creative Writing (.5) <input type="checkbox"/> Dramatic Literature (.5) <input type="checkbox"/> English Foundations (.5) <input type="checkbox"/> Intro to College Writing (.5) <input type="checkbox"/> *Legal Writ Law Off Mgmt (.5) <input type="checkbox"/> Novels (.5)	<p style="text-align: center;"><u>Study Hall</u></p> <input type="checkbox"/> SH Semester 1 <input type="checkbox"/> No Study Hall	<p style="text-align: center;"><u>Study Hall</u></p> <input type="checkbox"/> SH Semester 2 <input type="checkbox"/> No Study Hall
Elective Courses (Select 3.5+ Credits)		
<p style="text-align: center;"><u>Agriculture Education</u></p> <input type="checkbox"/> *Advanced Horticulture (.5) <input type="checkbox"/> Agribusiness (1) <input type="checkbox"/> Food Science Ag Tech (.5) <input type="checkbox"/> Horticulture (.5) <input type="checkbox"/> Landscape Mgmt (.5) <input type="checkbox"/> Large Animal Science (.5) <input type="checkbox"/> Natural Resources Mgmt (.5) <input type="checkbox"/> Veterinary Science (.5)	<p style="text-align: center;"><u>English</u></p> <input type="checkbox"/> Adv Composition (.5) <input type="checkbox"/> *AP Literature Comp (1) <input type="checkbox"/> Creative Writing (.5) <input type="checkbox"/> Dramatic Literature (.5) <input type="checkbox"/> English Foundations (.5) <input type="checkbox"/> Intro College Writing (.5) <input type="checkbox"/> *Legal Writing (.5) <input type="checkbox"/> Novels (.5)	<p style="text-align: center;"><u>Science</u></p> <input type="checkbox"/> *Bio Concept Environm (1) <input type="checkbox"/> *Biology II (1) <input type="checkbox"/> *Bio Human Anatomy (1) <input type="checkbox"/> *Chemistry (1) <input type="checkbox"/> *Chemistry II (1) <input type="checkbox"/> *Physics (1)
<p style="text-align: center;"><u>Art Education</u></p> <input type="checkbox"/> *2D Art (.5) <input type="checkbox"/> *3D Art (.5) <input type="checkbox"/> *Ceramics (.5) <input type="checkbox"/> *Drawing Painting (.5) <input type="checkbox"/> *Graphic Des Photography (.5) <input type="checkbox"/> Intro to Visual Art (1) <input type="checkbox"/> *Sculpture (.5) <input type="checkbox"/> *Senior Studio (.5)	<p style="text-align: center;"><u>Family & Consumer Education</u></p> <input type="checkbox"/> Child Development (.5) <input type="checkbox"/> Clothing Textiles I (.5) <input type="checkbox"/> *Clothing Textiles II (.5) <input type="checkbox"/> *Clothing Textiles III (.5) <input type="checkbox"/> Culinary Arts I (.5) <input type="checkbox"/> *Culinary Arts II (.5) <input type="checkbox"/> *Culinary Arts III (.5) <input type="checkbox"/> *Culinary Arts IV (.5) <input type="checkbox"/> Health Occupations (.5)	<p style="text-align: center;"><u>Social Studies</u></p> <input type="checkbox"/> *AP US History (1) <input type="checkbox"/> Current Economic Issue (.5) <input type="checkbox"/> Sociology (.5) <input type="checkbox"/> Study Human Behavior (.5)
<p style="text-align: center;"><u>Business Education</u></p> <input type="checkbox"/> Accounting I (1) <input type="checkbox"/> *Accounting II (1) <input type="checkbox"/> Business Culture (.5) <input type="checkbox"/> Business Law (.5) <input type="checkbox"/> Entrepreneurship (.5) <input type="checkbox"/> Microsoft I (.5) <input type="checkbox"/> *Microsoft II (.5) <input type="checkbox"/> Personal Finance (.5) <input type="checkbox"/> Sports Entertainment Mktg (.5)	<p style="text-align: center;"><u>Math</u></p> <input type="checkbox"/> *Algebra II (1) <input type="checkbox"/> *AP Calculus AB (1) <input type="checkbox"/> *Geometry (1) <input type="checkbox"/> *Intro Probability Stat (1) <input type="checkbox"/> *Precalculus (1)	<p style="text-align: center;"><u>Technology Education</u></p> <input type="checkbox"/> *Advanced Metal Fab (.5) <input type="checkbox"/> *Advanced Wood Tech (.5) <input type="checkbox"/> CAD I (.5) <input type="checkbox"/> *CAD II (.5) <input type="checkbox"/> Communication Tech (.5) <input type="checkbox"/> *Construction Tech (.5) <input type="checkbox"/> Electronic Fundamentals (.5) <input type="checkbox"/> *Intro to Engineering (1) <input type="checkbox"/> Intro to Public Safety (.5) <input type="checkbox"/> Intro to STEM (.5) <input type="checkbox"/> *Manufacturing Tech (.5) <input type="checkbox"/> *Metal Fabrication (.5) <input type="checkbox"/> *Residential Construct (.5) <input type="checkbox"/> Viking Artisans (.5) <input type="checkbox"/> *Wood Tech (.5)



<p><u>Computer Science</u></p> <p><input type="checkbox"/> *Computer Science (.5)</p> <p><input type="checkbox"/> *Java Programming (.5)</p> <p><input type="checkbox"/> *Video Game Programming (.5)</p> <p><u>Educational Assistant (EA)</u></p> <p><input type="checkbox"/> EA Semester 1 (N/A)</p> <p><input type="checkbox"/> EA Semester 2 (N/A)</p>	<p><u>Music Education</u></p> <p><input type="checkbox"/> *A Cappella Choir (1)</p> <p><input type="checkbox"/> Concert Band (1)</p> <p><input type="checkbox"/> Mixed Chorus (1)</p> <p><input type="checkbox"/> *Symphonic Band (1)</p> <p><u>Physical Education</u> (Only As Elective Credit)</p> <p><input type="checkbox"/> *Individual Activities (.5)</p> <p><input type="checkbox"/> *Lifetime Fitness (.5)</p> <p><input type="checkbox"/> *Strength Condition (.5)</p> <p><input type="checkbox"/> *Team Sports (.5)</p>	<p><u>Youth Apprenticeship (YA)</u></p> <p><input type="checkbox"/> Youth Apprenticeship (2)</p> <p style="text-align: center;"><u>Yearbook</u></p> <p><input type="checkbox"/> Yearbook (1)</p> <p style="text-align: center;"><u>World Language</u></p> <p><input type="checkbox"/> Spanish I (1)</p> <p><input type="checkbox"/> *Spanish II (1)</p> <p><input type="checkbox"/> *Spanish III (1)</p> <p><input type="checkbox"/> *Spanish IV (1)</p> <p><input type="checkbox"/> *Spanish V (1)</p>			
Alternate Courses (List Elective Courses of Interest Not Selected Above):					
1		2		3	
4		5		6	



Agriculture Education

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Advanced Horticulture	Yes			X	X	Sem	0.5
Agribusiness	No			X	X	Year	1.0
Food Science Ag Technology	No	X	X	X	X	Sem	0.5
Horticulture (<i>Dual Credit</i>)	No		X	X	X	Sem	0.5
Landscape Management	No	X	X	X	X	Sem	0.5
Large Animal Science (<i>Dual Credit</i>)	No		X	X	X	Sem	0.5
Natural Resources Management	No	X	X	X	X	Sem	0.5
Veterinary Science	No	X	X	X	X	Sem	0.5

Course	Advanced Horticulture	Grade(s)	11, 12	Length	Semester
Prereq(s)	Horticulture	Fee(s)	N/A	Credit	0.5

This course will deal with advanced concepts in horticulture and greenhouse management. Students will develop and master concepts that are introduced in horticulture along with additional material that is introduced in this class. Topics will include marketing and production of indoor and outdoor foliage plants, plants for food, potted plants, fruit crops, cut flowers, and hydroponics. Emphasis will be on hands-on education using computers, the greenhouse, and lab facilities. Students will be responsible for the day-to-day operation of the greenhouse.

Course	Agribusiness	Grade(s)	11, 12	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

This course is recommended for students who wish to become knowledgeable in the areas of agricultural business operation, management, and economics. Areas of study include career opportunities, history of marketing, types of marketable goods, market functions, supply and demand, record keeping, cooperative business management, taxes, insurance, financial records and analysis, legal issues, employer-employee relations, and farm/non-farm business planning. **NOTE: This course is only offered during even school years (next offered during the 2024-25 school year).**

Course	Food Science/Agriculture Technology	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This laboratory-based course will focus on the application of technology to the agricultural industry. Students will work in both classroom and greenhouse labs. Topics



will include food science, processing and safety, plant technology and cloning, along with an overview of biotechnology. The course will also include computer technology, FFA, recordkeeping, and current issues and careers in agriculture.

Course	Horticulture <i>(Dual Credit)</i>	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This laboratory-based course is for any student interested in horticulture as a career or hobby. Areas covered will include basic plant science, flowers, bedding plants, vegetables, gardening, and plant management. Greenhouse operation will also be a component of the semester. This includes plant selection, propagation, nutrition, pest control, and marketing. Computers, careers, and safety will be integrated throughout the semester.

Course	Landscape Management	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course deals with the design, management, and maintenance of landscaping and its related fields. Topics include career opportunities, site development, landscape design, construction materials, plant material usage, economic analysis, and landscape maintenance. Emphasis will be on hands-on education using computers, the greenhouse, and lab facilities.

Course	Large Animal Science <i>(Dual Credit)</i>	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course is for the student wanting to explore the science of animal management. The course includes a study of the meat processing industry, evaluation of animals, animal welfare vs. animal rights, animal health, nutrition, reproduction, behavior, and genetics. Large Animal Science will also include an overview of the following animals and the appropriate management for each: beef, dairy, swine, sheep, goat, poultry, and horse. Current issues, career opportunities, and computer applications related to this course will be explored.

Course	Natural Resources Management	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Natural Resources Management focuses on natural resource and wildlife issues. Topics include career opportunities, forestry, aquaculture, efficient use of our natural resources, ecology, wildlife management, water, and air quality. Students in this course will concentrate on the preservation of wildlife, the habitat they live in, and the problems concerning them. At the conclusion of this course, students will be able to identify big game, small game, birds, fish, and endangered species of Wisconsin. Instruction will be a combination of classroom and laboratory. Several hands-on projects are part of this class including taxidermy, lure making, turkey call making, and more.

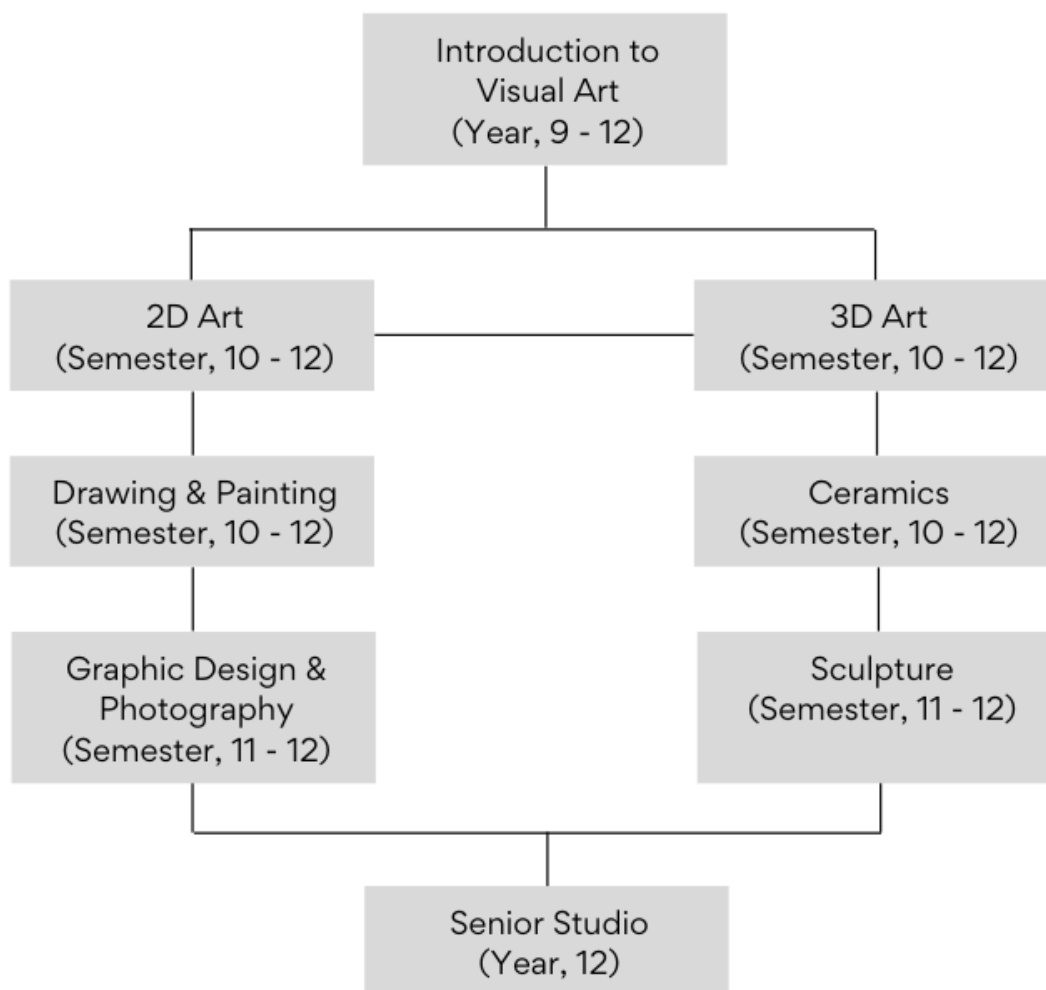


Course	Veterinary Science	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Veterinary Science is a specialty hands-on course. It encompasses the science and study of domesticated animals such as rabbits, dogs, cats, rodents, reptiles, fish, and birds. In this course, students will also be trained with lab and computer activities to explore becoming a veterinarian, veterinarian assistant, or veterinary technician. Proper care, management, nutrition, and breeding of domesticated animals will also be discussed in this course.



Art Education



Course	Prereq(s)	9	10	11	12	Length	Credit(s)
2D Art	Yes		X	X	X	Sem	0.5
3D Art	Yes		X	X	X	Sem	0.5
Ceramics	Yes		X	X	X	Sem	0.5
Drawing and Painting	Yes		X	X	X	Sem	0.5
Graphic Design and Photography	Yes			X	X	Sem	0.5
Intro to Visual Art	No	X	X	X	X	Year	1.0
Sculpture	Yes			X	X	Sem	0.5
Senior Studio	Yes				X	Sem	0.5



Course	2D Art	Grade(s)	10, 11, 12	Length	Semester
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Prereq(s)	Intro to Visual Art	Fee(s)	\$10.00	Credit	0.5
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2D Art introduces the fundamentals of creative expression. Emphasis will be on the understanding and application of basic design elements and principles, composition, artistic techniques, and a large variety of media in a two-dimensional format. Areas of study include design, drawing, painting, printmaking, and art history.

Course	3D Art	Grade(s)	10, 11, 12	Length	Semester
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Prereq(s)	Intro to Visual Art	Fee(s)	\$10.00	Credit	0.5
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3D Art introduces the fundamentals of creative expression and problem-solving skills in three-dimensional format. Emphasis will be on the understanding and use of media, appropriate tools, and artistic techniques. Areas of study include paper and cardboard sculpture, copper enameling, ceramics, additive and subtractive sculpture, as well as art history as it pertains to sculpture.

Course	Ceramics	Grade(s)	10, 11, 12	Length	Semester
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Prereq(s)	3D Art	Fee(s)	\$10.00	Credit	0.5
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This course will further explore the art elements and principles of sculpture as introduced in 3D Art. Emphasis will be on the understanding, refining, exploration, and experimentation of both traditional and non-traditional media in clay in both relief and sculpture in the round, assemblage, and subtractive sculpture.

Course	Drawing and Painting	Grade(s)	10, 11, 12	Length	Semester
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Prereq(s)	2D Art	Fee(s)	\$10.00	Credit	0.5
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This course will further explore drawing and painting techniques as introduced in 2D Art. An experimental approach to drawing and painting will be employed along with traditional methods and themes. Areas of study include drawing from the imagination, historical painting techniques, dynamic figure drawing and portraiture, watercolor painting, colored media drawing, acrylic painting, and oil painting.

Course	Graphic Design and Photography	Grade(s)	11, 12	Length	Semester
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Prereq(s)	2D Art	Fee(s)	\$10.00	Credit	0.5
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This is a course that will prepare students to enter an art-related field with skills in advertising design, cartooning, illustration, typography, photography and will also include some printmaking.

Course	Introduction to Visual Art	Grade(s)	9, 10, 11, 12	Length	Year
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Prereq(s)	N/A	Fee(s)	\$5.00	Credit	1.0
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Introduction to Visual Art is designed to introduce students to basic intermediate concepts in art skills. This course is required for all students who wish to take art electives. This course will provide hands-on experiences in drawing, painting, printmaking, design, ceramics, sculpture, mixed media, and graphic design.

Course	Sculpture	Grade(s)	11, 12	Length	Semester
Prereq(s)	3D Art	Fee(s)	\$10.00	Credit	0.5

This course will further explore the art elements and principles of sculpture as introduced in 3D Art. Emphasis will be on the understanding, refining, exploration, and experimentation of both traditional and non-traditional media in clay in both relief and sculpture in the round, assemblage, and subtractive sculpture. Areas of study include mosaics, mask making, metal art, subtractive cement or stone sculpture, repurposing furniture, and recyclables of art.

Course	Senior Studio (<i>Repeatable</i>)	Grade(s)	12	Length	Semester
Prereq(s)	Into to Visual Art	Fee(s)	\$10.00	Credit	0.5

Senior Studio will provide an opportunity for the student to plan or consider a career in the visual arts. This course is designed to direct the student to work independently, develop their discipline and express ideas in a creative manner. Students will be expected to complete a portfolio containing work for college acceptance and scholarship as well as create work for the Conference Art Exhibition.



Business Education

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Accounting I (Dual Credit)	No		X	X	X	Year	1.0
Accounting II	Yes			X	X	Year	1.0
Business Culture (Dual Credit)	No			X	X	Sem	0.5
Business Law	No		X	X	X	Sem	0.5
Entrepreneurship	No	X	X	X	X	Sem	0.5
Microsoft I (Dual Credit)	No	X	X	X	X	Sem	0.5
Microsoft II	Yes	X	X	X	X	Sem	0.5
Personal Finance	No	X	X	X	X	Sem	0.5
Sports & Entertainment Marketing	No		X	X	X	Sem	0.5

Course	Accounting I (Dual Credit)	Grade(s)	10, 11, 12	Length	Year
Prereq(s)	N/A	Fee(s)	\$20.00	Credit	1.0

Understanding the flow of money and assets is important. Whether planning on being a truck driver, artist, business owner, farmer, architect, engineer, board member, or administrative professional; accounting will be used. If you like working with numbers, you will enjoy this class.

Course	Accounting II	Grade(s)	11, 12	Length	Year
Prereq(s)	Accounting I	Fee(s)	\$20.00	Credit	1.0

Partnerships, corporations, departmentalized businesses, and cost and management accounting are among the topics covered. Students will use computers in their application of the same accounting principles they used in manual accounting. In addition, students learn electronic spreadsheet software. Students gain marketable skills for jobs ranging from specialized accounting clerks to full-charge bookkeepers.

Course	Business Culture (Dual Credit)	Grade(s)	11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

In this class we will learn how to interact with different cultures and people. Diversity is a huge topic in today's business world and will be discussed thoroughly in this course. Along with proper etiquette for the business world. Being prepared for what employers are looking for will help set you apart from other people. Lets make you more diverse and knowledgeable for your first interview. **NOTE:** This course is only offered during odd school years (**next offered during the 2025-26 school year**).



Course	Business Law	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, and employees. The content includes the origin of law, ethics in law, kinds of laws, the court system, contracts for buying and selling goods, using credit, employer-employee relations, and property law-including landlord-tenant relations. **NOTE: This course is only offered during even school years (next offered during the 2024-25 school year).**

Course	Entrepreneurship	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Entrepreneurship means to undertake or to do something. In this class we will talk about what it takes for you to run your own business. We will look at how to lead and interact with others. How do I sell my product so that others have to buy it. You will do your own simulation in running your own business. When you leave this class you will have a better understanding of how to operate your own business.

Course	Microsoft I (<i>Dual Credit</i>)	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course acquaints students with the most popular computer program including word processing, spreadsheet, and PowerPoint of the Microsoft Office Suite. Topics to be covered include formatting and editing of documents in word processing and spreadsheets and file management. Students are able to test and earn **Industry Standard Certifications**. These can be taken with the student and added to their resume skills section as well as be job interview topics.

Course	Microsoft II	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	Microsoft I	Fee(s)	N/A	Credit	0.5

This course is offered to emphasize advanced technologies in word processing and spreadsheet applications of Microsoft Office. Topics covered include: advanced file management, labels, templates, graphics, charts, and graphs, importing and exporting data, and creating a web page. An advanced unit on multimedia presentations is also included.

Course	Personal Finance	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Graduation can be a feeling of mixed emotions. What do I do with my life after high school? What happens when I start making money? How do I spend my money wisely? In this class we will cover all of this. We will look at your options after high school. Is it logical to attend college after high school



or is it logical to start working? We will discuss the differences between a debt and credit card, retirement, investing, saving/budgeting, scholarship, FAFSA, pay stub, and much more. Know the options you have with your money before you walk out those doors for graduation.

Course	Sports and Entertainment Marketing	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

The sports and entertainment industry encompasses everything from movies, music, television, and computer games to home videos, toys, and clothing lines, as well as theme parks and spectator and recreational sports. Radio, the internet, theater, resorts and other activities associated with tourism also fall into this category. Students will learn the fundamental principles and concepts identified with sports and entertainment marketing, and develop skills through the application of marketing principles in this industry.



Computer Science

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Computer Science	Yes		X	X	X	Sem	0.5
Java Programming	Yes		X	X	X	Sem	0.5
Video Game Programming	Yes		X	X	X	Sem	0.5

Course	Computer Science	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Algebra I (completed or concurrently)	Fee(s)	N/A	Credit	0.5

This course includes instruction in learning the Alice programming language. The software for the course is free to download and is intended to be an easy transition into computer programming. Students will learn to manipulate objects and take control of what they do in a language that is similar to Java.

Course	Java Programming	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Computer Science	Fee(s)	N/A	Credit	0.5

Students will learn the coding and syntax of the Java programming language which is widely used in the development of computer apps including games. Students will work with Java to write programs that use variables and data types, conditional statements, looping structures, and arrays. Students will learn more about object-oriented programming concepts such as classes, objects, and methods.

Course	Video Game Programming	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Computer Science	Fee(s)	N/A	Credit	0.5

Students will learn how to write their own software to create a video game. Students will be role-playing a career as a video game programmer. As a member of a software writing team, students will interact with a virtual boss, mentor, and co-workers. They will go through the planning stages, create fairly sophisticated 3D graphics and program the game. By the end of the course, students will have a video game or two that they can take home and play on their home computers.



English

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Advanced Composition	No				X	Sem	0.5
AP Language and Composition <i>(Dual Credit)</i>	Yes			X		Year	1.0
AP Literature and Composition <i>(Dual Credit)</i>	Yes				X	Year	1.0
Creative Writing	No		X	X	X	Sem	0.5
Dramatic Literature	No		X	X	X	Sem	0.5
English 9	No	X				Year	1.0
English 10	Yes		X			Year	1.0
English 11	Yes			X		Year	1.0
English Foundations	No				X	Sem	0.5
Intro to College Writing	No				X	Sem	0.5
Legal Writing & Law Office Mgmt <i>(Dual Credit)</i>	Yes		X	X	X	Sem	0.5
Novels	No			X	X	Sem	0.5

Course	Advanced Composition	Grade(s)	12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

The main focus of the course is to develop writing skills needed for college-level composition through an emphasis on grammar, vocabulary, documentation of compositions, and an independent research unit.

Course	AP Language and Composition <i>(Dual Credit)</i>	Grade(s)	11	Length	Year
Prereq(s)	High proficiency on the Pre-ACT or ACT	Fee(s)	AP Exam	Credit	1.0

The goal of this course is to help students develop their skills in reading prose written in a variety of rhetorical contexts and become skilled writers who compose for a variety of purposes. Students will also fine-tune the skills needed for persuasive/argumentative writing that is required for the ACT exam as well as the AP English Language and Composition Exam. **NOTE: Juniors have the option to self-select this more rigorous class in lieu of English 11.**

Course	AP Literature and Composition <i>(Dual Credit)</i>	Grade(s)	12	Length	Year
Prereq(s)	High proficiency on the Pre-ACT or ACT	Fee(s)	AP Exam	Credit	1.0

Students will explore various philosophies, genres, and styles of major authors. Each unit contains



the history of the period, biographical information on the authors, and literary selections. The goal of this course is to help students analyze and appreciate literature verbally and through composition as well as prepare for the Advanced Placement Literature exam.

Course	Creative Writing	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course targets students' creativity, originality, and writing skills through a range of writing projects and journaling. Students will learn the elements of nonfiction, fiction, and poetry and write various compositions for each genre. Students will have the opportunity to share their work, compose individually, and work with other students.

Course	Dramatic Literature	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Students will become familiar with dramatic literature and theater arts through the study of various plays throughout history. Students will evaluate plays for literary merit and social significance and develop an appreciation for theatrical performance. Performances include a memorized monologue, a memorized scene, and daily performance-based activities.

Course	English 9	Grade(s)	9	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

This required course builds on grammar and literature skills learned in 8th grade using logical thinking, application of literary elements, and inferences to obtain understanding. The year is divided into thematic units in which students develop vocabulary and reading skills, as well as continued instruction in grammar, mechanics, composition, research, and speech. Different forms of literature are reinforced: poetry, prose, drama, nonfiction, and novels.

Course	English 10	Grade(s)	10	Length	Year
Prereq(s)	English 9	Fee(s)	N/A	Credit	1.0

This required course is a continued foundation course that expands on skills of composition, literature, speech, research, grammar, and vocabulary. Units explore a wide range of issues including the examination of truth and intolerance, and questioning of actions and consequences.

Course	English 11	Grade(s)	11	Length	Year
Prereq(s)	English 10	Fee(s)	N/A	Credit	1.0

This required course increases the complexity of composition, literature, speech, research, grammar, and vocabulary. Units are based on literary periods and there is an emphasis on delineating and evaluating reasoning in seminal United States texts.



Course	English Foundations	Grade(s)	12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This class is designed for students who plan on entering the workforce or a technical college after high school. The course will include learning proper communication skills, informative writing, and reading for information. Participation in class discussion, small group work, and individual reflection are utilized often.

Course	Intro to College Writing	Grade(s)	12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This class is designed for students who would benefit from more writing practice. They may have scored a 17 or below on the ACT exam; scored an 85 or below on the Accuplacer; or have been recommended by a Grade 11 instructor. It introduces basic principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents.

Course	Legal Writing and Law Office Mgmt (Dual Credit)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	High proficiency on the Pre-ACT or ACT	Fee(s)	N/A	Credit	0.5

This class is designed for anyone interested in “CSI” type of work, legal work, or work in the business field. Part of the class is done in lecture style, where students are expected to read the material prior to class, discuss during class, and take note during the discussion. In addition, we will be reading Wisconsin Case Law. After several practice sessions, students will create their own legal scenario. We will research case law, and statutes and argue the cases. Students will write an analysis of the case law. We will explore how the law applies to every area of work and life from farming to factory work to driving to work. We will also look at the underpinnings of the federal and state government. Student writing will be strengthened by focusing on critical thinking skills that accompany good writing in relation to the legal profession. The student will also learn office management skills and the ethical decisions involved in the world and business world.

Course	Novels	Grade(s)	11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course emphasizes the study of a variety of classic and contemporary novels. Three areas of emphasis include improvement of reading comprehension, the development of reading appreciation, and the study of literary techniques. Students read assigned texts independently and share their understanding through collaborative discussions, presentations, and written analysis.



Family and Consumer Education

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Child Development	No		X	X	X	Sem	0.5
Clothing and Textiles I	No	X	X	X	X	Sem	0.5
Clothing and Textiles II	Yes	X	X	X	X	Sem	0.5
Clothing and Textiles III	Yes		X	X	X	Sem	0.5
Culinary Arts I	No	X	X	X	X	Sem	0.5
Culinary Arts II	Yes	X	X	X	X	Sem	0.5
Culinary Arts III	Yes		X	X	X	Sem	0.5
Culinary Arts IV	Yes		X	X	X	Sem	0.5
Intro to Health Occupations	No		X	X	X	Sem	0.5

Course	Child Development	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Take this course to discover the various parenting styles and learn about theorists who studied human development. Students will use a variety of learning methods from hands-on activities, group work, and real-life examples to examine child development. **NOTE:** This course is only offered during **odd** school years (**next offered during the 2025-26 school year**).

Course	Clothing and Textiles I	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

In this hands-on lab-based course, students will explore the clothing and textile industry and what it has to offer. Trends in textiles, fabric types, machine operations, cutting methods, hand and machine sewing will all be covered while making various projects. Projects include sewing a button on, repairing a dog toy, making useful items for the home, or making a gift. Students need to provide their own notions and fabrics for their projects throughout the semester. **Note: Students provide materials or pay the one time fee for materials.**

Course	Clothing and Textiles II	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	Clothing and Textiles I	Fee(s)	N/A	Credit	0.5

Advancing skills learned in Clothing and Textiles I will be the focus in this course. Students will enhance their sewing machine use by making more challenging projects and working with different textiles. Students get to be creative with their designs and make choices on what they would like the



end product to be. *Students provide materials or pay the one time fee for materials.*

Course	Clothing and Textiles III	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Clothing and Textiles II	Fee(s)	N/A	Credit	0.5

Creativity will bloom through this course driven by student project interests. Students will learn how to create an outfit for themselves, how to properly alter garments, and do an upcycle project. Career focus of skills used in industry will be covered and how to start up a side business. STAR Events from the FCCLA will be completed in course to allow students the ability to showcase their finished projects. **Note: Students provide materials or pay the one time fee for materials.**

Course	Culinary Arts I - Foundations	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	\$20.00	Credit	0.5

Bon Appetit! Through this hands-on lab-based course, students will explore all facets of food from savory to sweet. Key concepts begin with kitchen safety and sanitation in the lab and expand to measurements of food products. Knowledge of kitchen utensils is practiced throughout cooking labs. Knowledge of taste, texture, and flavor of food is built in this course. Careers within the industry are covered by guest speakers, industry speakers, and projects.

Course	Culinary Arts II - Bakeshop	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	Culinary Arts I - Foundations	Fee(s)	\$20.00	Credit	0.5

Cake, pastries, cookies, and sweets oh my! Building on skills learned in Culinary I, students focus on the pastry arts of the culinary world. Students learn new techniques that are practiced in their hands-on lab experiences to grow their knowledge of foods and how they work with one another. Leavening agents are used to study their effects on foods.

Course	Culinary Arts III - World Cuisine	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Culinary Arts II - Bakeshop	Fee(s)	\$20.00	Credit	0.5

Creating a complete meal from start to finish will be covered in this course. Students will explore different cultures by reviewing their culinary expertise. Hands-on lab experiences are the highlight of this course as students practice: food service regulations, menu planning, food costing, safety protocols with different food preparation, and special projects throughout the semester.

Course	Culinary Arts IV - Field to Plate	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Culinary Arts III - World Cuisine	Fee(s)	\$20.00	Credit	0.5

In Field to Plate students will have the opportunity to take ingredients from raw product to finished products. They will create their own dishes in each of the nutritional areas experimenting with flavors. Cost analysis of meals will be key for students' complete understanding of what it takes to prepare



meals for themselves and others after high school. Students will develop weekly menus that are attainable for young adults to cook and implement with low budgets and make three course meals. This course will draw on previous culinary skills learned in the prior courses and fine tune their knife skills, garnishing, flavor profiles, and ability to be independent in the kitchen. **NOTE:** This course is only offered during **odd** school years (**next offered during the 2025-26 school year**).

Course	Introduction to Health Occupations	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This course is designed for students interested in pursuing health-related careers. Students will explore many health careers and develop basic skills common to all health occupations. Topics include History of healthcare, health care delivery systems, legal and ethical roles and responsibilities of health care workers, introduction to medical terminology, effective communication skills for the healthcare environment, medical math, vital signs, and infection control. **NOTE: This course is only offered during even school years (next offered during the 2024-25 school year).**



Health

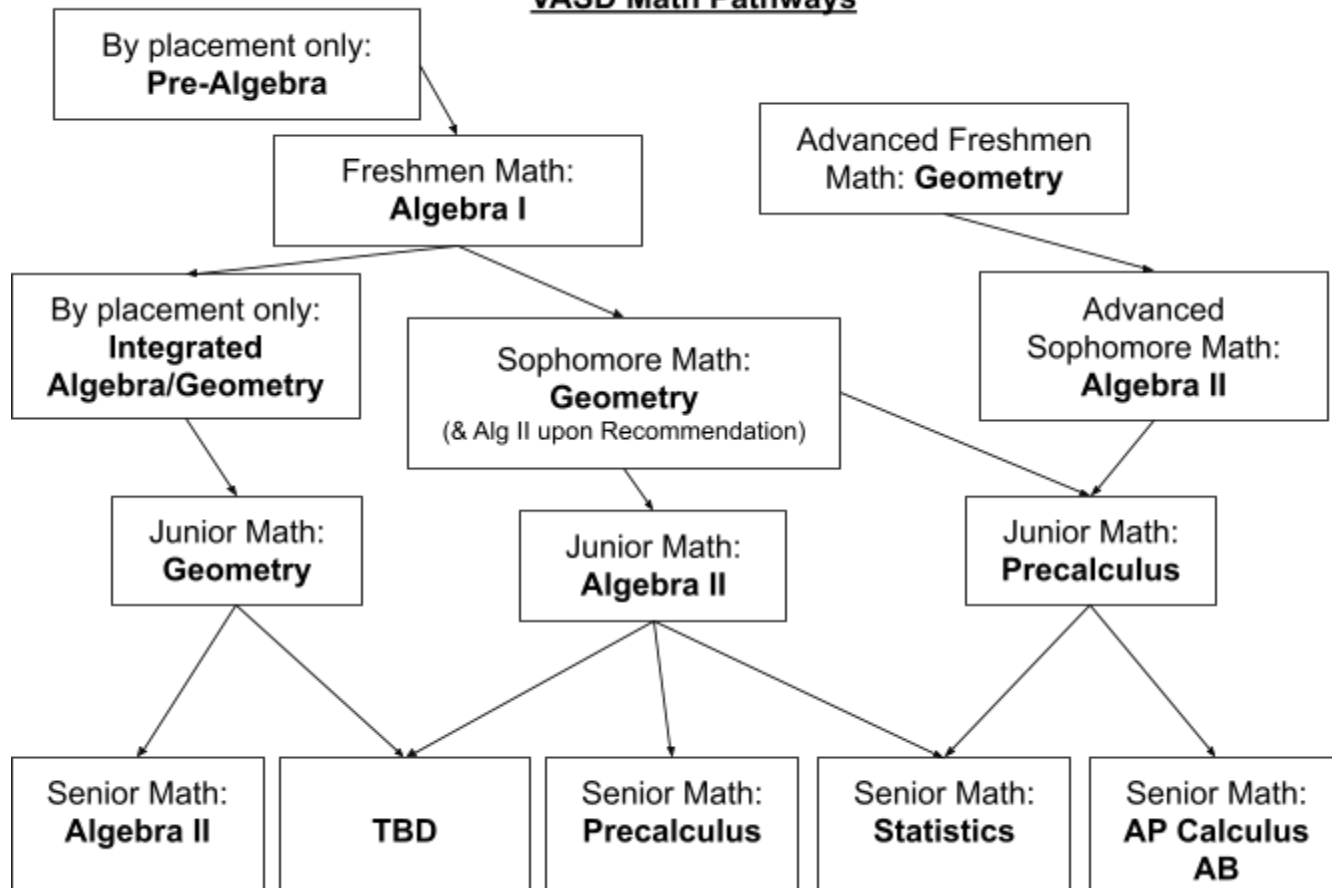
Course	Health	Grade(s)	9	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This required course is designed to teach beneficial knowledge and skills that encourage students to think critically about how the decisions they make will affect their lives today and in the future. Topics included are wellness, nutrition, stress management, suicide prevention, conflict resolution, healthy relationships, STD prevention, CPR, and more. Evaluation is based on individual assignments, tests, quizzes, research projects, cooperative group work, and participation.



Math

VASD Math Pathways



Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Algebra I	No	X	X			Year	1.0
Algebra II	Yes		X	X	X	Year	1.0
AP Calculus AB <i>(Dual Credit)</i>	Yes				X	Year	1.0
Geometry	Yes	X	X	X	X	Year	1.0
Integrated Geometry/Algebra	Yes		X	X		Year	1.0
Intro to Probability and Statistics	Yes			X	X	Year	1.0
Pre-Algebra	Yes	X				Year	1.0
Precalculus	Yes			X	X	Year	1.0

Course	Algebra I	Grade(s)	9, 10	Length	Year
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Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0
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Topics included in this course are: solving equations, inequalities, graphing lines, factoring, fractions, square roots, and exponents. These topics together with their practical applications provide background for all future high school math courses.

Course	Algebra II	Grade(s)	10, 11, 12	Length	Year
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Prereq(s)	Geometry	Fee(s)	N/A	Credit	1.0
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The basic content of Algebra I is reviewed and expanded to provide more in-depth knowledge of these topics. The concepts of functions, sets, factoring, fractions, radicals, and exponents are covered in detail. Trigonometry is also introduced, as well as sequences, series, conic sections, probability, and statistics.

Course	AP Calculus AB (<i>Dual Credit</i>)	Grade(s)	12	Length	Year
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Prereq(s)	Precalculus	Fee(s)	AP Exam	Credit	1.0
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Topics covered include limits of functions, derivatives, integration, exponential, and other concepts covered in an "AB" level calculus course. Additional topics are added as time permits, including preparation for the spring AP calculus exam. **NOTE: This course runs in conjunction with AP Calculus Lab, offering 90 minutes of time to work on Calculus.**

Course	Geometry	Grade(s)	9, 10, 11, 12	Length	Year
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Prereq(s)	Algebra I	Fee(s)	N/A	Credit	1.0
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This course is designed to develop methods of reasoning and thought in the students. Problems dealing with line segments, angles, triangles, circles, and other figures are studied, together with their physical applications. Special units are devoted to logical thinking as an aid in problem-solving in mathematics and elsewhere.

Course	Integrated Geometry/Algebra	Grade(s)	10, 11	Length	Year
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Prereq(s)	Algebra I	Fee(s)	N/A	Credit	1.0
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This course includes topics from both geometry and algebra with an emphasis on problem-solving. Measurement, deductive reasoning, angles, reading and interpreting graphs, triangles, polygons, Pythagorean Theorem, basic trigonometric functions, and algebraic equations will be some of the topics included in this course.



Course	Introduction to Probability and Statistics	Grade(s)	11, 12	Length	Year
Prereq(s)	Algebra II	Fee(s)	N/A	Credit	1.0

This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will use the mathematical tools of high school algebra to facilitate the understanding of statistics and probability. Students will use probability distributions and statistics to make predictions, estimations, and test hypotheses.

Course	Pre-Algebra	Grade(s)	9	Length	Year
Prereq(s)	Assigned by Placement	Fee(s)	N/A	Credit	1.0

This course provides an introduction to the basic concepts of algebra and provides a background for math courses. Additionally, this course covers topics including percentages, the metric system, and probability.

Course	Precalculus	Grade(s)	11, 12	Length	Year
Prereq(s)	Algebra II	Fee(s)	N/A	Credit	1.0

This course attempts to draw many of the fields of math together as a whole. Precalculus expands on the topics learned in Algebra II and on the reasoning processes of Geometry. Special attention is paid to trigonometry, linear algebra, the study of functions, graphing, probability, and introduction to calculus.



Music Education

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
A Cappella Choir	Yes		X	X	X	Year	1.0
Concert Band	No	X	X	X	X	Year	1.0
Mixed Chorus	No	X	X	X	X	Year	1.0
Symphonic Band	Yes		X	X	X	Year	1.0

Course	A Cappella Choir	Grade(s)	10, 11, 12	Length	Year
Prereq(s)	Mixed Chorus or Instructor Consent	Fee(s)	\$10.00	Credit	1.0

This course will provide students with the experience of singing in a Class A choral organization. All styles of music will be studied from the Renaissance to the present. A special emphasis will be placed on classical or "legitimate" music. Sight-singing, vocal production, and techniques for ensemble singing will be studied. Requirements for the course include lesson attendance and participation in all concerts and contests. **NOTE: This course is open to students by audition only.**

Course	Concert Band	Grade(s)	9, 10, 11, 12	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

Previous experience on an appropriate instrument is necessary. Students new to the district with no previous experience may participate in the summer program to qualify for enrollment during the school year. Lessons and concert performances outside of the assigned class period are required as part of the grade. The first quarter of the concert band will be dedicated to marching and pep band. Students will be required to attend a week-long band camp in early August.

Course	Mixed Chorus	Grade(s)	9, 10, 11, 12	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

This course will provide students with the experience of singing in a mixed-voice choral organization. All styles of music will be studied from the Renaissance to the present. Vocal production, choral singing techniques, sight-singing, and ear training skills will be emphasized. Course requirements include lesson attendance and participation in all concerts and contests.

Course	Symphonic Band	Grade(s)	10, 11, 12	Length	Year
Prereq(s)	Concert Band or Instructor Consent	Fee(s)	\$10.00	Credit	1.0

Symphonic Band is the highest-level band, offering participation and performances in concerts, chamber groups, marching, and pep band. Membership in this group also qualifies the student for



participation in solo and ensemble and jazz ensemble. Instruction at this level is individually designed to meet the musical needs and interests of each student. Lessons and concert performances outside of the assigned class period are required as part of the grade.



Physical Education

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Individual Activities	Yes		X	X	X	Sem	0.5
Lifetime Fitness	Yes		X	X	X	Sem	0.5
Physical Education 9	No	X				Sem	0.5
Strength and Conditioning	Yes		X	X	X	Sem	0.5
Team Sports	Yes		X	X	X	Sem	0.5

Course	Individual Activities (<i>Repeatable</i>)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Physical Education 9	Fee(s)	Bowling \$2/Game	Credit	0.5

This course will focus on health and skill-related fitness by emphasizing activities that may be done independently. Activities will include but are not limited to Swimming, Tennis, Badminton, PickleBall, Golf, Table Tennis, Archery, Bowling, Self Defense, Personal Fitness, and Culminating Experiences.

Course	Lifetime Fitness (<i>Repeatable</i>)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Physical Education 9	Fee(s)	Bowling \$2/Game	Credit	0.5

The purpose of this course is to help students develop a solid foundation of fitness and wellness knowledge as well as tools needed for maintaining a healthy lifestyle after they graduate high school. Activities include but are not limited to Yoga/Pilates, Strength Training/Cardiovascular Exercises, Badminton, Pickleball, Lawn Games, Frisbee Golf, Volleyball, Archery, and Dance.

Course	Physical Education 9	Grade(s)	9	Length	Semester
Prereq(s)	N/A	Fee(s)	\$21.00	Credit	0.5

This required course offers an introduction to a variety of team and individual activities with an underlying focus on fitness. Students will learn basic rules, fundamentals, and strategies. They will also develop the ability to exhibit responsible personal and social behavior in physical activity settings. **NOTE:** One time fee for lock and heart rate monitor to be used in follow up classes.

Course	Strength and Conditioning (<i>Repeatable</i>)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Physical Education 9	Fee(s)	N/A	Credit	0.5

This class will focus on health-related fitness components (muscular strength, muscular endurance, cardiovascular endurance, flexibility, body composition). Activities will include pre/post fitness



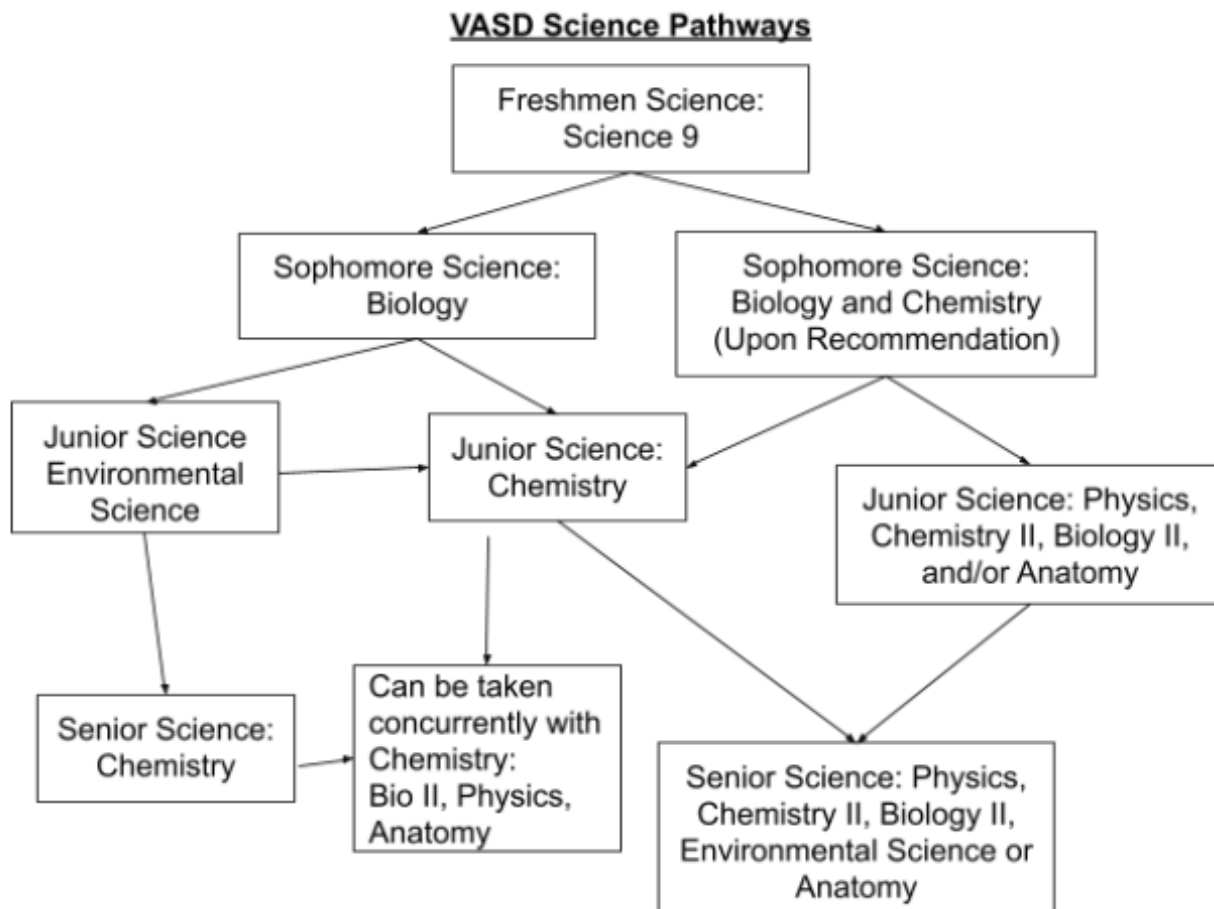
evaluation, individualized weight training, conditioning, speed and agility drills, and sports-based nutrition.

Course	Team Sports (<i>Repeatable</i>)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Physical Education 9	Fee(s)	N/A	Credit	0.5

This course offers a variety of competitive and recreational activities involving a fitness focus and team play. Students will learn in-depth skills, strategies, and rules of activities while working on their interpersonal relationships in a cooperative environment. Students will identify personal health benefits from all activities. Volleyball, Basketball, Flag Football, Ultimate Sports, Floor/Field Hockey, Soccer, softball, and Eclipse Ball are activities offered in this course.



Science



Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Biological Concepts of the Environment	Yes			X	X	Year	1.0
Biology I	Yes		X			Year	1.0
Biology II	Yes			X	X	Year	1.0
Biology Human Anatomy	Yes			X	X	Year	1.0
Chemistry I	Yes		X	X	X	Year	1.0
Chemistry II	Yes			X	X	Year	1.0
Physics	Yes			X	X	Year	1.0
Science 9	No	X				Year	1.0



Course	Biological Concepts of the Environment	Grade(s)	11, 12	Length	Year
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Prereq(s)	Biology I, Science 9	Fee(s)	N/A	Credit	1.0
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Biological Concepts of the Environment is a lab-based class, combining physics, chemistry, biology, government, earth science, agriculture, physics, and ethics from the local to the global levels. **NOTE:** To prepare for class, there is some required reading over the summer or students can choose to read during the first quarter. The list contains books of various reading levels that are well known and pertain to this course. The list may be obtained from the instructor along with the journaling requirements.

Course	Biology I	Grade(s)	10	Length	Year
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Prereq(s)	Science 9	Fee(s)	N/A	Credit	1.0
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Biology I is the study of living things, in which general scientific principles, cells, genetics, animals, and plants are studied. Students are taught through class discussions, demonstrations, research, and laboratory experiments. Laboratory work consists of the discovery and problem-solving activities including the use of microscopes, reagents, dissecting kits, plants, and animals. Biology I provides insight into the living world of which we are all part of.

Course	Biology II	Grade(s)	11, 12	Length	Year
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Prereq(s)	Biology I and Chemistry I	Fee(s)	N/A	Credit	1.0
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Biochemistry is taught during the first semester and involves learning about biomolecules, protein modeling, metabolism, photosynthesis, and cellular respiration. Genetics, evolution, development, and conservation are taught during the second semester. Topics include how molecular genetics may be used in conservation biology and how spectrophotometry may be used to measure photosynthesis. Laboratory work encourages higher-order thinking, problem-solving, writing, and proper lab technique. **NOTE: Chemistry I may be taken concurrently.**

Course	Biology Human Anatomy	Grade(s)	11, 12	Length	Year
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Prereq(s)	Biology I and Chemistry I	Fee(s)	N/A	Credit	1.0
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This course explores an in-depth understanding of anatomical structures and physiological interactions of the body. An emphasis is placed on the organization and interactions of such systems as the skeletal, muscular, nervous, and circulatory. This course has a substantial laboratory component, including a systemic mammal dissection. **NOTE: Chemistry I may be taken concurrently.**

Course	Chemistry I	Grade(s)	10, 11, 12	Length	Year
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Prereq(s)	Algebra I and Biology I	Fee(s)	N/A	Credit	1.0
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Chemistry is the study of relationships between the physical and chemical properties of matter. Because everything is composed of matter, the study of chemistry will help you to learn more about



nature. Students investigate chemical reactions, reaction rates, the chemical makeup of substances, and energy changes that accompany changes in chemicals. Students in Chemistry are taught through lectures, demonstrations, hands-on activities and lab experiments. Once the theory is learned in class, it is reinforced in the laboratory. **NOTE: This class can be taken in 10th grade with recommendation from Science 9 teacher.**

Course	Chemistry II	Grade(s)	11, 12	Length	Year
Prereq(s)	Chemistry I	Fee(s)	N/A	Credit	1.0

The concepts of chemistry introduced in Chemistry I will be enhanced and expanded upon. An increased emphasis will be placed on the models used to explain and predict the behavior of chemicals, including the energy associated with any chemical change or process. Concepts regarding atomic structure and bonding, states of matter and materials, thermodynamics, reaction kinetics, equilibrium, and its application, electrochemistry (makeup of batteries), and organic chemistry will be discussed in-depth and supported by rigorous laboratory investigation. Students will gain a better understanding of how and why chemicals behave the way they do.

Course	Physics	Grade(s)	11, 12	Length	Year
Prereq(s)	Algebra I and Chemistry I	Fee(s)	N/A	Credit	1.0

In this class, students will experience four main topics of physics: Mechanics, which explores how and why things move the way they do, energy, electricity and magnetism, sound, and light. This course will develop students' problem-solving and critical thinking skills through practice problems, labs, field trips, and projects that will allow students to use calculations, models, engineering skills, and simple objects to demonstrate the principles. **NOTE: Chemistry I may be taken concurrently.**

Course	Science 9	Grade(s)	9	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

Science 9 is a required course designed to introduce students to basic and intermediate chemistry and physics concepts and procedures. Students study physics divided into the following sections: forces and motion; work and energy; electricity and magnetism; sound and waves; light and optics; heating and cooling. This is followed by chemistry when students study the properties, classification, and structure of matter. The study of atoms and bonding leads to chemical reactions, solutions, acids, bases, and ends with nuclear chemistry.



Social Studies

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
AP US History (Dual Credit)	Yes				X	Year	1.0
Current Economic Issues	No			X	X	Sem	0.5
Government	Yes		X			Sem	0.5
Sociology	No			X	X	Sem	0.5
Study of Human Behavior	No			X	X	Sem	0.5
US History 10	Yes		X			Sem	0.5
US History 11	Yes			X		Year	1.0
World History	No	X				Year	1.0

Course	AP U.S. History (Dual Credit)	Grade(s)	12	Length	Year
Prereq(s)	US History 11	Fee(s)	AP Exam	Credit	1.0

This course provides students with the analytical skills and factual knowledge necessary to address critical problems and materials in United States history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the pre-Columbian era of exploration through the recent past (1491-Present). Additional topics are added as time permits, including preparation for the spring AP exam.

Course	Current Economics Issues	Grade(s)	11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

The course provides the basic principles of the American economic system and will acquaint the student with investing and saving. This includes an extensive look at the Stock Market, which includes participation in the Stock Market Simulation, giving students real-life experiences of trading stocks on the American Stock Exchanges. Students will study consumer credit including how credit cards work and the impact of credit scores.

Course	Government (<i>includes Civics Exam</i>)	Grade(s)	10	Length	Semester
Prereq(s)	World History	Fee(s)	N/A	Credit	0.5

The student will learn about the Legislative, Executive, and Judicial Branches of the American Government. This includes the functions of Congress and its ability to pass laws, the role of the Presidency, and the power of the Supreme Court to protect the Constitution. Students will study the importance of political parties in shaping the Government and understand their voting rights in the electoral process. Besides the Federal Government, State and Local Government is also studied. An



ongoing part of the class is to discuss current events in regards to their relevance to the course.

Course	Sociology	Grade(s)	11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

The course includes the study of cultural variations, roles and relationships, groups, social stratification, families, religion, and education. Students will study the social problems that affect our society. This includes prejudice and discrimination, poverty, sexual social problems, and alcohol and drug abuse. The goal is for the student to become aware of the influence of human relationships and how they affect current social issues.

Course	Study of Human Behavior	Grade(s)	11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This is a challenging course that highlights neuroscience and the nature and nurture of behavior. An important aspect of this class is the study of developmental theories and the developing person. Projects include a sleep study and a brain project. Other units include learning and intelligence, motivation, personality, and psychological disorders. Students are expected to apply critical thinking skills as well as exhibit respect for humanity and diversity.

Course	U.S. History 10	Grade(s)	10	Length	Semester
Prereq(s)	World History	Fee(s)	N/A	Credit	0.5

This American History course covers a time frame from the Presidency of George Washington to the late 1800s. Topics include the Louisiana Purchase, the War of 1812, the industrialization of the Northeast and rise of immigration, Reform Movement, settlement of the American West, the slavery issue, Civil War, Reconstruction, and the growth of American Industry.

Course	U.S. History 11	Grade(s)	11	Length	Year
Prereq(s)	US History 10 and Government	Fee(s)	N/A	Credit	1.0

This required course examines historical eras from the late 19th century to the present. These eras include the Gilded Age, WWI, Roaring Twenties, Great Depression, WWII, The Cold War, Civil Rights Era, Vietnam, and modern challenges from the 1970s to the present. Further, a particular focus of this course is to develop an understanding of the modes of historical inquiry--examining primary sources, evaluating multiple perspectives on historical questions, and analyzing cause and effect relationships--to better understand both historical eras and their relationship to current events.

Course	World History	Grade(s)	9	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

This required course traces the important world personalities, events, and ideas from the first



hominids to the French and American Revolutions. Students participate in activities related to the lesson taught. Students also complete map assignments and analyze how geography has played a vital role in many historical events. Special attention is given to the following themes: writing and literacy, migration, religious beliefs, laws, empire building, governments and leadership, wars, trade, power, and technology.



Technology Education

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Advanced Metal Fabrication (Dual Credit)	Yes		X	X	X	Sem	0.5
Advanced Wood Technology	Yes		X	X	X	Sem	0.5
CAD I	No	X	X	X	X	Sem	0.5
CAD II	Yes	X	X	X	X	Sem	0.5
Communication Technology	No	X	X	X	X	Sem	0.5
Construction Technology	Yes	X	X	X	X	Sem	0.5
Electronic Fundamentals	No		X	X	X	Sem	0.5
Intro to Engineering (Dual Credit)	Yes			X	X	Sem	1.0
Intro to Public Safety (Dual Credit)	No			X	X	Sem	0.5
Intro to STEM	No	X	X	X	X	Sem	0.5
Manufacturing Technology	Yes		X	X	X	Sem	0.5
Metal Fabrication (Dual Credit)	Yes		X	X	X	Sem	0.5
Residential Construction	Yes		X	X	X	Sem	0.5
Viking Artisans	No		X	X	X	Sem	0.5
Wood Technology	Yes	X	X	X	X	Sem	0.5

Course	Advanced Metal Fabrication (Dual Credit)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Metal Fabrication <i>*Needs to receive a grade of C or better in Metal Fabrication to take Adv. Metal Fabrication</i>	Fee(s)	\$10.00	Credit	0.5

This advanced course will provide students the ability to build on the knowledge and skills that they have learned in Metal Fabrication to further their understanding of the various metalworking operations. Students will learn to develop skills and techniques necessary to safely weld steel, and aluminum using the SMAW, GMAW, and GTAW processes. Basic math skills including algebra and geometry will be used daily to complete projects. Students will also study the manufacturing and design principles necessary to effectively plan and safely manufacture their projects which must also meet with instructor approval. **NOTE: Students take home completed projects constructed in the class, so all metal and materials need to be purchased by the student.**

Course	Advanced Wood Technology	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Wood Technology	Fee(s)	\$10.00	Credit	0.5



This course will allow students to develop their understanding of the woodworking industry by selecting their projects to build with the approval of the instructor. Students will focus on shop safety, planning, layout, cutting, assembly, and finishing. Time management, staying on task, and following a design process will be key to being successful in this course. **NOTE: Students take home completed projects constructed in the class, so all wood and materials need to be purchased by the student.**

Course	CAD I	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

In CAD I, students are introduced to CAD software to give them a better understanding of the design process. This class is devoted to CAD technologies in both architectural and mechanical design. This course is a prerequisite to other technology classes to make the fabrication process more efficient with prior planning before raw materials are utilized. Students planning post-high school study in engineering, drafting, architectural design, construction planning, or related fields, would certainly benefit from this course.

Course	CAD II	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	CAD I	Fee(s)	N/A	Credit	0.5

Drafting and design skills are needed by today's engineers, contractors, machinists, and managers. CAD II will expand student opportunities in problem-solving through the realm of engineering. The ability to read, develop, and interpret mechanical drawings and construction designs will continue to be a necessity in our technical world. Many industries have part or all of their design departments using CAD equipment. The layout of this class will allow students to problem solve and develop higher-level thinking skills as well as look at motion analysis and reverse engineering. Students will also be exposed to additive manufacturing through the use of 3-D printers.

Course	Communication Technology	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Communication Technology is a general course in the area of computer graphics that covers the primary graphic arts processes. This is an introductory course for printing, business, and art-oriented students interested in learning about the second largest industry in the United States today. Students will receive hands-on experiences in the area of Graphic Arts/Design. Along with other equipment, students will use illustration software for precision layouts and project design, including illustration, photograph manipulation, sublimation printing, and web design.

Course	Construction Technology	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	CAD I	Fee(s)	\$10.00	Credit	0.5

Students will study residential construction methods and design. Students, working in groups, build scale models of wall framing and will also learn about foundation construction, interior finishing



techniques, and exterior finishing. With the skills learned, a student should be able to understand the basics of residential construction methods. Students work with blueprint reading and development, construction estimating, heat loss, and architectural computer-aided design systems.

Course	Electronic Fundamentals	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	\$10.00	Credit	0.5

Currently, the field of information technologies and electronics is experiencing a tremendous shortage of job applicants. There are tremendous opportunities for bachelor and technical degree graduates. This elective course is intended to introduce some basic electrical concepts to students in a hands-on environment. No prior knowledge of electronics is needed or expected. Students will learn the basic concepts of voltage, amperes, resistance, and capacitance. These concepts will be learned through their applications in simple devices which use common electronic components, including simple make-and-take projects.

Course	Intro to Engineering (<i>Repeatable</i>) (Dual Credit)	Grade(s)	11, 12	Length	Semester
Prereq(s)	CAD I and Instructor Consent	Fee(s)	N/A	Credit	1.0

Intro to Engineering is a project design and manufacturing-oriented course for students with advanced skills in CAD and custom design. Working as a team in conjunction with local manufactures, students design and build completion style projects. Competitions of projects take place on school days and weekends. For successful completion of the class, participation during the events is mandatory. During the process, students must research various mechanical and electrical systems while maintaining accurate financial records throughout the building of this project. Enrollment in the course is based on an application and interview process and the number of positions on the team is limited. **NOTE: This course runs in conjunction with Intro to Engineering Lab, offering 90 minutes of time to work on engineering projects.**

Course	Intro to Public Safety (Dual Credit)	Grade(s)	11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

Intro to Public Safety will expose students to the duties, responsibilities, requirements, and career opportunities within public safety. Course topics vary and may include, but are not limited to, public safety, police, fire, EMS, emergency services, forensics, corrections, and homeland security issues. During the class, students will be working towards their incident command certifications through FEMA. **NOTE:** Formerly named Technical Emergency Management.

Course	Introduction to STEM	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	\$15.00	Credit	0.5

This is an introductory class designed for any student who plans to own a home, rent an apartment, or simply has an interest in exploring a STEM (Science, Technology Education, and Mathematics) course. Students will learn how to solve simple problems that may arise with the electrical, plumbing,



and cosmetic repair of houses. Students will also explore wood processing, metalworking, and small engines.

Course	Manufacturing Technology	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	CAD I and Wood Technology	Fee(s)	\$10.00	Credit	0.5

Manufacturing Technology provides opportunities to study the elements of manufacturing products. Areas of study include techniques common to manufacturing industrial products. A second area presented will be Industrial Enterprise. Students organize and control a small business and produce products that are designed, constructed, and marketed by students. Drafting skills will be introduced along with computer applications. An intriguing benefit of this course is that students have the potential to make a profit. **NOTE:** This course is only offered during odd school years (**next offered during the 2025-26 school year**).

Course	Metal Fabrication (<i>Dual Credit</i>)	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	CAD I	Fee(s)	\$20.00	Credit	0.5

Metal fabrication involves students gaining “hands-on” experience by learning stick arc welding (SMAW), wire-feed welding (GMAW), plasma cutting, oxygen-acetylene torch cutting, and fabrication of metal project parts. Students will learn the basics in metal science: the properties of different metals, the testing of metals, heat treatment, metal designations, and the different types of metal. Students will actively practice safety, measurement, and machining when in the classroom and lab. **NOTE: Students will need to supply their own arc welding gloves, safety glasses, paint pen, and appropriate welding clothes.**

Course	Residential Construction	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	Construction Technology	Fee(s)	\$15.00	Credit	0.5

This course will provide students with the knowledge and hands-on experiences related to house framing, codes, and regulations as well as site preparation, foundation systems, enclosures, utilities, finishing methods, and green construction. A major emphasis will be placed on safety as it relates to each area. Students will develop entry-level skills in construction and related trades along with an overview of career opportunities available and/or which will better prepare them for post-secondary career opportunities. Carpentry and masonry projects both on and off of school grounds may be incorporated into required class projects. **NOTE: This course is only offered during even school years (next offered during the 2024-25 school year).**

Course	Viking Artisans	Grade(s)	10, 11, 12	Length	Semester
Prereq(s)	N/A	Fee(s)	N/A	Credit	0.5

This class will explore the traditional trades of leatherworking, blacksmithing, and jewelry metalsmithing. Students will use a high skill level to create well-designed pieces of artwork. Some of the projects that might be covered in the class include making a metal pendant, wallet making, belt



making, blacksmithing a coat rack, and creating a hand-forged puzzle. Shop math skills will be put to the test. Additionally, critical thinking skills, decision-making, and problem-solving are implemented throughout the Viking Artisans Course. **NOTE: Students take home completed projects constructed in the class, so all materials need to be purchased by the student.**

Course	Wood Technology	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	CAD I	Fee(s)	\$15.00	Credit	0.5

This course is designed to introduce students to the field of woodworking. Students will create one or two quality projects in this class, where they will learn about shop safety, planning, layout, cutting, assembly, and finishing. Students will work with hand and power tools to obtain an overall exposure to various areas of the woodworking industry. Occupational opportunities in the woodworking industry and construction trades, along with working conditions and training requirements will be discussed.



World Language

Course	Prereq(s)	9	10	11	12	Length	Credit(s)
Spanish I	No	X	X	X	X	Year	1.0
Spanish II	Yes	X	X	X	X	Year	1.0
Spanish III	Yes		X	X	X	Year	1.0
Spanish IV	Yes			X	X	Year	1.0
Spanish V	Yes				X	Year	1.0

Students beginning world language study should keep in mind that more than two years of language study is necessary to approach fluency. Students should plan their world language study to be continuous with no breaks between courses. **A grade of C or better must be earned in each level to be able to take the next.**

Course	Spanish I	Grade(s)	9, 10, 11, 12	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

Spanish 1 is an introduction to the Spanish language and Hispanic cultures, with emphasis on the development of the basic communicative skills: speaking, listening, reading, and writing. Students will communicate using basic statements and questions, compare the Spanish and English languages, and learn about unique Hispanic cultures. By the end of Spanish 1, students will have an elementary knowledge of the Spanish language. Much of the communication and interaction in this class will be in Spanish.

Course	Spanish II	Grade(s)	9, 10, 11, 12	Length	Year
Prereq(s)	Spanish I	Fee(s)	N/A	Credit	1.0

In Spanish II, students will further develop their abilities to listen, speak, read and write in Spanish. Students will be able to express current activities, past events, ask for and give an opinion, make suggestions, and express their feelings. Students will develop new perspectives regarding Spanish-speaking cultures. By the end of Spanish II, students will be able to express themselves and their needs and be understood by native speakers used to dealing with second-language learners. Most of the communication and interaction in this class will be in Spanish.

Course	Spanish III	Grade(s)	10, 11, 12	Length	Year
Prereq(s)	Spanish II	Fee(s)	N/A	Credit	1.0

Students will be expected to build upon what they have learned in Spanish I and II and will continue to improve their listening, speaking, reading, and writing skills. Communication possibilities grow



significantly, as they increase their vocabulary and learn more complex grammatical structures, and can communicate about past events. Students will continue to connect the Spanish language with other disciplines. Students will connect to the Spanish Speaking-world as they learn more about the products, practices, and perspectives of native speakers. Most of the communication and interaction in this class will be in Spanish.

Course	Spanish IV	Grade(s)	11, 12	Length	Year
Prereq(s)	Spanish III	Fee(s)	N/A	Credit	1.0

Students will be expected to build upon what they have learned in Spanish I, II, and III. Emphasis is placed on conversational fluency, advanced grammar topics, authentic Spanish texts, native speaker comprehension, writing skills, and cultural awareness. Classroom instruction is designed to increase the student's ability to communicate in Spanish by involving students in communicative tasks. Students are required to use Spanish in class while interacting with the teacher and other students and will use Spanish beyond the classroom. The Spanish class will be conducted almost entirely in Spanish and students are required to use Spanish to communicate.

Course	Spanish V	Grade(s)	12	Length	Year
Prereq(s)	Spanish IV	Fee(s)	N/A	Credit	1.0

This class will give students significant practice in improving speaking skills and listening comprehension skills and will continue building on the grammar that has been learned. Students will increase their ability to read and write in Spanish. The Spanish class will be conducted entirely in Spanish and students are required to use Spanish to communicate.



Yearbook

Course	Yearbook (<i>Repeatable</i>)	Grade(s)	9, 10, 11, 12	Length	Year
Prereq(s)	N/A	Fee(s)	N/A	Credit	1.0

The primary objective is to create the school yearbook, *The Valdris*, which teaches technology skills, photography, and camera etiquette. The Senior graduation slideshow will also be produced.



Youth Apprenticeship (YA)

Course	Youth Apprenticeship	Grade(s)	11, 12	Length	Year
Prereq(s)	Good attendance and academic standing	Fee(s)	N/A	Credit	2.0

[Youth Apprenticeship](#) (YA) is a 1 or 2-year program that gives juniors and seniors in high school the chance to explore a [career area of interest](#). Students spend part of their school day earning credit and wages while they gain valuable industry experience under the guidance of a local business mentor. Students need to be at least 16 years old. Students are encouraged to start the [application process](#) during the second semester of their Sophomore year. Students are not eligible to begin their Youth Apprenticeship employment until the summer entering into their Junior. Students have the flexibility to be in the program for one or two years.

YA Program	Year One	Year Two
On-the-Job Training	Complete 450 hours for a total 450 occupational hours 12-15 hours per week on average	Complete an additional 450 hours for a total 900 occupational hours 12-15 hours per week on average
Eligibility	Junior or Senior Students	Senior Students that successfully completed a year one program
Academic Courses	Enroll in two semesters of related coursework at the high school or college level (earning dual credit)	Enroll in two semesters of related coursework at the high school or college level (earning dual credit)
Benefits	Earn industry certifications and potential of bridging the YA to a RA (Registered Apprentice)	Earn industry certifications and potential of bridging the YA to a RA (Registered Apprentice)

Currently, programs are available in the following areas:

[Agriculture, Food and Natural Resources](#)

This school-to-career program offers experiences applicable to a student with an interest in animals, horticulture, floral design, landscaping, farming, veterinary medicine, environmental sustainability and mechanical sales and service. The Agriculture, Food, and Natural Resources (AFNR) career cluster involves careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services.

[Architecture and Construction](#)

The Architecture and Construction career cluster comprises one of the largest industries in the United States. Careers ranging from architecture to welding are found within this particular cluster. According to the Department of Labor, the construction industry is the second largest employer in the U.S. The



Wisconsin Architecture and Construction Youth Apprenticeship Program is designed to provide students with a working understanding of occupational and technical skills in one of the seven pathways within the Architecture and Construction industry. This Youth Apprenticeship occupational area focuses on the Construction Pathway. Students participating in this pathway will choose between the skilled trades of Carpentry, Electrical, Masonry/Concrete, Mechanical/HVAC, and Plumbing/Sprinkler Fitting.

[Arts, A/V Technology and Communications](#)

The Arts, A/V Technology and Communications career cluster is expected to be driven by changing trends. While newspapers and magazines have been impacted by declines in print volumes, the need for immediate media, integrated across communication platforms, is increasing the need for technological expertise in computers and graphic design. This trend is fueling increased demand in this area. The Arts, A/V Technology and Communications Career Cluster Printing Technology Pathway careers range from graphic designers to press operators to customer service representatives and sales. The printing industry applies creativity and technical skills to transform text and graphics into finished products.

[Finance](#)

The Wisconsin Finance YA Program is designed to provide students with a working understanding of core employability and financial services skills, as well as occupationally specific skills that serve as the standard for occupational pathways in the finance and insurance industry. This program provides the framework for educators and industry to work together to produce work-ready, entry-level employees that will compete favorably in a global market, as well as, provide for post-secondary educational advancement while integrating work-based learning in the school and worksite. Finance is a growing field offering opportunities for working with businesses and personal financial needs. Those working in finance can find opportunities in banking, insurance, or accounting.

[Health Services](#)

The Wisconsin Health Science YA Program is designed to provide students with a working understanding of core health science industry skills and occupationally specific technical skills in four of the five pathways within the Health Science industry. This program provides the framework for educators and industry to work together to produce work-ready, entry-level employees that will compete favorably in a global market, as well as, provide for post-secondary educational advancement while integrating work-based learning in the school and worksite.

[Hospitality, Lodging & Tourism](#)

Hospitality, Lodging, & Tourism encompass the management, marketing, and operation of restaurants, lodging, attractions, recreation events, and travel related services. ALL hospitality and tourism service workers need to possess good customer service skills. The Hospitality, Lodging, and Tourism YA program is structured to require industry-wide foundational skills and industry-specific technical skills. This school-to-work program offers a variety of experiences and is applicable for a student who has expressed an interest in customer service, culinary arts, travel, tourism, lodging, or a hospitality business management career. This program makes for an attractive career option for students with a strong desire to work with many different people in travel and leisure services.



Information Technology

The Information Technology Program is designed to provide students with a working understanding of one or more of the occupational and technical skills in the four pathways (see below) within the IT industry. This program provides the framework for educators and industry to work together to produce work-ready, entry-level employees that will compete favorably in a global market, as well as, provide for post-secondary educational advancement while integrating work-based learning in the school and worksite.

Manufacturing

Manufacturing is the engine that drives American prosperity. Often the perception is that the heyday of U.S. manufacturing is in the past. Nothing could be further from the truth! Wisconsin is tied as the number one manufacturer in the United States and employs 16% of our labor force. Manufacturing establishments engage in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. Furthermore, all manufacturing workers need to possess flexibility of skills in order to respond to rapidly changing industry demands. Therefore, the Manufacturing YA program was structured to require industry-wide foundational skills and industry-specific technical skills.

Marketing Program

The Wisconsin Marketing YA Program is designed to provide students with a working understanding of core employability and Marketing skills, as well as occupationally specific skills that serve as the standard for occupational pathways in the Marketing industry. This program provides the framework for educators and industry to work together to produce work-ready, entry-level employees that will compete favorably in a global market, as well as, provide for post-secondary educational advancement while integrating work-based learning in the school and worksite.

STEM

In the Engineering pathway, students study and apply principles of science and math to solve problems in engineering projects involving design, development or production in various technologies. In the Engineering and Technology pathway, students study and apply principles of science and math to solve problems in engineering projects involving design, development or production in various technologies. YA students acquire basic skills pertinent to understanding and working with drafting and engineering technical documents in the first year along with the core employability and safety skills. Students will acquire basic concepts needed to read, edit, and create basic engineering technical drawings. The second year allows these students to develop further skills in a specific specialization depending on their worksite placement or area of interest. Choices of specialization include Mechanical or Electrical Engineering or Civil Engineering.

Transportation, Distribution and Logistics

The Wisconsin Automotive Technician YA Program is designed to provide students with a working understanding of core employability and technical skills, as well as occupationally specific skills that serve as the standard for occupational pathways in the automotive service industry. This program provides the framework for educators and industry to work together to produce work-ready, entry-level employees that will compete favorably in a global market, as well as, provide for



post-secondary educational advancement while integrating work-based learning in the school and worksite.



Educational Assistant (EA)

Course	Educational Assistant (<i>Repeatable</i>)	Grade(s)	12	Length	Semester
Prereq(s)	Good attendance and academic standing	Fee(s)	N/A	Credit	N/A

Senior students may apply to become a teacher assistant at the Elementary, Middle, or High School level. Duties may include assisting students, lab preparation, classroom organization, reading aloud or being read to by students, and miscellaneous jobs such as data entry, photocopying, etc.



Other Courses

Course	Early College Credit Program (ECCP)	Grade(s)	9, 10, 11, 12	Length	Semester
Prereq(s)	Good attendance and academic standing	Fee(s)	Varies	Credit	Varies

The [Early College Credit Program](#) allows 9th through 12th grade students to take one or more courses at an institution of higher education for high school and/or college credit. An “institution of higher education” means an institution within the University of Wisconsin System (including [UW Independent Learning](#)), a tribally controlled college, or a private, nonprofit institution of higher education located in the state. While technical colleges are not eligible institutions under this program, students that have completed 10th grade will continue to have the option to take courses at technical colleges through [Start College Now](#). If a school district does not offer a comparable course, and the ECCP course fulfills a graduation requirement, the student will earn both high school and college credit. If a school district does not offer a comparable course, and the ECCP course does NOT fulfill a graduation requirement, the student can choose to earn college credit only.

First, request information from the institution of higher education where you'd like to take classes. Then talk with your high school counselor to see if the [Early College Credit Program](#) is a good fit for you. They will consider how the class aligns with your academic plan and whether you meet the prerequisite for taking a college-level class. Next, complete the appropriate ECCP application form from below. Submit the completed form to your school counselor by February 1st for summer, March 1st for fall, and October 1st for spring courses. Students must submit an application that notifies the school district within the identified deadlines to request enrollment at the institution at which course(s) are being sought. The District will notify students of approval and/or rejection of desired courses before the beginning of the semester in which the student will be enrolled.

[University of Wisconsin System Application](#)

[Wisconsin Association of Independent Colleges and Universities Application](#)

Course	Start College Now (SCN)	Grade(s)	11, 12	Length	Semester
Prereq(s)	Good attendance and academic standing	Fee(s)	Varies	Credit	Varies

[Start College Now](#) allows 11th and 12th-grade students the opportunity to take college courses at Wisconsin Technical Colleges. Below is a list of 30 potential Start College Now courses. Please know this list is only a sampling of courses a student might take, and students ARE NOT limited to these courses. When considering what course to take, think about the first courses in a program and/or courses that are not offered at your high school. In addition, please check with your local Technical College as many of them have a listing of potential course offerings on their website and will assist when making decisions.

- Abnormal Psychology
- American Sign Language
- Auto Electrical Systems
- Auto Service Operations
- College Mathematics
- Criminal Justice System
- Developmental Psychology
- Economics
- Emergency Medical Technician
- Engine Repair
- English Composition
- General Anatomy and Physiology



- General Psychology
- Intro to Electrical Systems
- Intro to Ethics
- Intro to Psychology
- Intro to Sociology
- Introduction to Diversity Studies
- Medical Terminology
- Nursing Assistant
- Oral/Interpersonal Communication
- Psychology of Human Relations
- Speech
- Steering & Suspension Systems
- Transportation Service Operations
- Written Communication

Students looking to take courses SCN Courses:

Upcoming Fall Semester deadline: March 1, 2024

Following year Spring Semester deadline: October 1, 2024

Students must submit an application to the school counselor that notifies the school district within the identified deadlines to request enrollment at the technical college at which course(s) are being sought. The District will notify students of approval and/or rejection of desired courses before the beginning of the semester in which the student will be enrolled.